

# ***Specification Revision List***

***April 26, 2018***



## ***Pratt & Whitney***

**Any Issues with PDF version refer to below Excel version**

Excel version of this document:

[http://www2.pratt-whitney.com/procurement/specrev/current/srl\\_current.xls](http://www2.pratt-whitney.com/procurement/specrev/current/srl_current.xls)

**Updated Quarterly - January, April, July, October**

This document contains no technical data subject to the EAR or the ITAR.

## **ATTENTION: QUALITY ASSURANCE MANAGER**

### **\*\* PRATT & WHITNEY SPECIFICATION REVISION LIST \*\***

The Pratt & Whitney (P&W) "Specification Revision List" (SRL) documents the latest revision status of P&W specifications and Materials Control Laboratory (MCL) Manual Sections in effect as of the publication date. Purchase orders/Schedule Agreements establish the required issue of the P&W SRL. Industry Standards, Military Specifications, Aerospace Material Specifications (AS, MS, AMS, etc.) and other non-P&W documents in effect at the date of the Purchase Order/Schedule Agreement apply.

Suppliers are required by P&W Specification ASQR-01, "Aerospace Supplier Quality Requirements," to establish and maintain a system for the control of specifications and other applicable data as stipulated on the P&W Purchase Order/Schedule Agreement, to ensure that articles for P&W are processed in accordance with P&W requirements.

Suppliers are not required to comply with subsequently published new or revised specifications (i.e. P&W, AMS etc.) or MCL Manual Sections except as reflected by a change in the purchase order/schedule agreement. Suppliers may, at their option, work to later specification or MCL Manual Section revisions, provided there are no increases to the purchase order price.

DIRECT ANY REQUESTS FOR DOCUMENTS TO YOUR RESPONSIBLE PROCUREMENT AGENT, USING  
THE SPECIFICATION REQUISITION FORM

This document contains no technical data subject to the EAR or the ITAR.

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### Links:

[Spec Revision Links Found on Global Supply Chain Website \(internal\)](#)

[World Wide Procurement](#)  
[Pratt & Whitney](#)  
[ASME](#)  
[SAE, AMS, AS, ARP, AIR](#)  
[ANSI](#)

**Revision Date 04/2018**

**Updated Quarterly - January, April, July, October**

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**USE INSTRUCTIONS BELOW WHEN REQUESTING MCL MANUAL SECTIONS  
FORM MCL M650 NO LONGER UTILIZED.**

***\*Requests for MCL Manual Sections***

Suppliers must contact P&W Procurement/Purchasing Buyer through the eSRI System,  
in order to request the latest requests for Materials Control (MCL) Laboratory Manual Sections from U.S.  
incorporated suppliers (non-foreign owned) within the United States.

All requests from foreign concerns are also to be directed to P&W Procurement/Purchasing Buyer.

***Requests for Non Destructive Test (NDT) Manual Appendix and Sections***

Contact P&W Procurement/Purchasing Buyer

***\* Revised Since Previous Edition of 1/20/14***

Rev: 1/2013 to add EAR/ITAR statement

This document contains no technical data subject to the EAR or the ITAR.

**SPECIFICATION REQUISITION**

P&W specifications are available to our suppliers based on VALID REQUIREMENTS. Those requirements consist of specifications imposed at the PURCHASE ORDER/SCHEDULE AGREEMENTS and/or QUOTATION level. In order to help us expedite your request for specifications, you must provide the specific specifications required, with associated Material/Part Number(s) and/or Schedule Agreement/Purchase Orders(s), Quote Number(s).

Specification requests are made through using the eSRI system in the Pratt & Whitney Supplier Portal. For additional information on Supplier Access to Pratt & Whitney Online Services, please contact your Pratt & Whitney Buyer.

Below is the link of which you will need to be setup with access to the Supplier Portal:  
[https://portal.pw.utc.com/portal/server.pt/community/home\\_-\\_supplier/621](https://portal.pw.utc.com/portal/server.pt/community/home_-_supplier/621)

Below is the form that some use in conjunction with the eSRI system while waiting for access to the Supplier Portal.  
REQUESTS MUST BE FORWARDED DIRECTLY TO COGNIZANT PROCUREMENT BUYER WHO WILL FILL REQUEST OR COORDINATE WITH APPROPRIATE AREA.

**REQUESTER INFORMATION**

P&W BUYER/CODE	_____
SUPPLIER CODE	_____
NAME / PHONE	_____
COMPANY NAME	_____
ADDRESS	_____
CITY, STATE, ZIP	_____

<u>SPECIFICATION #</u>	<u>P&amp;W PART/MATERIAL NUMBER</u>	<u>PW PO/SA/QUOTE#</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Rev Date: 01/2013 to add EAR/ITAR statement  
Rev Date: 04/2015 to update with eSRI Process through Supplier Portal

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**P&W Component Calibration Schedules - (CCS)**

	20B	21	24	33A	34A
37	38	44	45	48A	49
61	62	64	70A	71A	72A
78	80A	81	91	93	94
95	101	107	116	125	126
139	140	142	147	149	158
159	164	167	174A	176A	179
180A	186A	187	188	190A	194
195A	199A	200	201D	203F	213
215	216C	217	219A	223A	224
225	226A	228A	229	231	232B
233A	240	244A	245	246	249
257	265	266	268	269B	271E
273	277D	278F	280C	281A	282
283	284A	290	291	292A	293B
294A	297A	303	305	306	308
326B	335A	338D	344A	345B	350
360	363	365A	369	375	376
377	378	380	382D	383	385
386	389A	390	391	392	393
395C	401	402A	403	407F	412
427	431	433	437	440	441
442	444	448	454	455	461
464	467	469	470	471	472
485	486	490	495	496	497
498A	505	508	509	511	513
515B	521	525	528B	529	532
541H	542	543A	547A	560	562K
563	566	568	571A	573C	574D
577	585	587	588	589	590
595A	597	599	608G	610H	615A
630	634	635	639A	640	644K
645	649	650	652	662	664
665	666	674	675	677	678F
679C	682	683	684B	685C	687
689	695	696A	702	705	710H
712	716	717	723	724	725
736	741E	752	753A	756	759
761B	762	769	771	772	774
775	778A	785	787	788	792B
793	797	798J	802D	803	804
805A	807	808A	810	817	820
822	824A	825A	833	834B	835G
836	839C	840	841B	844G	845
846	848	850	852	853	855
856	857C	858B	859G	861B	866A
867	870	871	872D	873	877
881	886	887A	889	890	891
892B	895A	897	899D	902	904A
906	908	911A	912	914A	915
916D	917E	918B	919	921	922A
923	924	925	926A	928C	930B
931A	932	946	947A	948	949B
951	953A	957C	958B	959E	963
964	965B	966J	967E	969A	970
971	972	975	976A	977	978
979	980	981	983	984	985
997D	998A	999B	1000C	1001	1006C
1010B	1011	1012	1013B	1014	1016C
1018A	1019	1021	1022C	1024A	1025A
1026B	1027	1028	1030	1031	1032
1034F	1036C	1037C	1038D	1041C	1042C
1043C	1045	1052	1054	1055C	1056D
1057	1061C	1062A	1065	1071	1073B
1074C	1075C	1076A	1077	1079A	1080B
1081E	1082G	1084	1085B	1087	1088F
1089B	1090	1091	1092B	1093	1094E
1095B	1096C	1097	1099F	1100D	1101A
1104	1105	1106C	1107D	1108A	1109B
1110D	1111A	1112	1113A	1114A	1115
1116	1117				

\* Revised Since Previous Edition of 1/25/18

+ Added Since Previous Edition of 1/25/18

Revision Date 04/2018

Updated Quarterly - January, April, July, October

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**MCL NDT Manual Appendix & Sections**

\* Revised Since Previous Edition of 1/25/18

+ Added Since Previous Edition of 1/25/18

Revision Date 04/2018

Updated Quarterly - January, April, July, October

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Non Destructive Test (NDT)  
Appendix A

	Appendix Listing & Revisions	Effective Date
*	<a href="#">Appendix A (E)</a>	19-Mar-2018
*	<a href="#">Section I (F)</a>	19-Mar-2018
*	<a href="#">Section II (F)</a>	19-Mar-2018
*	<a href="#">Section V (F)</a>	19-Mar-2018
	Section IV (B)	3-Oct-2016
*	<a href="#">Section IX (F)</a>	19-Mar-2018
*	<a href="#">Section X (D)</a>	19-Mar-2018
*	<a href="#">Section XIV (D)</a>	19-Mar-2018

Qualification Specifications

	Procedure Number	Effective Date
	ASQ	2-Mar-2017
	BSQ	15-Sep-2017
	NDTQ	21-Jun-2017

MCL NDT Manual  
ADIM - Abradable Density Inspection Method

	Method Specifications & Revisions	Revision Date
	<a href="#">ADIM (B)</a>	9-Jan-2014

MCL NDT Manual  
ARTM - Airflow Resistance Test Method

	Method Specifications & Revisions	Revision Date
	<a href="#">ARTM (E)</a>	16-Mar-2015

MCL NDT Manual  
ATTM - Alloy Type Test Methods

	Method Specifications & Revisions	Revision Date
	<a href="#">ATTM Master (F)</a>	07/06/11
	<a href="#">ATTM Master Supp (E)</a>	07/06/11

MCL NDT Manual  
BPTM - Burst Pressure Test Method

	Method Specifications & Revisions	Revision Date
	<a href="#">BPTM-1 (A)</a>	09/30/11

MCL NDT Manual  
BRM - Balancing Requirement Methods

	Method Specifications & Revisions	Revision Date
*	<a href="#">BRM Master (C)</a>	4-Apr-2018
	<a href="#">BRM-3 (C)</a>	9-Jan-2014
	<a href="#">BRM-4 (B)</a>	14-Dec-2017
	<a href="#">BRM-4 (C) Alternate</a>	19-Jan-2017
	<a href="#">BRM-5 (B)</a>	14-Oct-2017
	<a href="#">BRM-8</a>	30-May-2017

MCL NDT Manual  
BTM - Bond Test Methods

	Method Specifications & Revisions	Revision Date
	<a href="#">BTM-1 (E)</a>	03/08/11
	<a href="#">BTM-2 (J)</a>	16-Feb-2017
	<a href="#">BTM-3 (D)</a>	9-Jan-2014
	<a href="#">BTM-4 (I)</a>	03/08/11
	<a href="#">BTM-7 (E)</a>	03/08/11
	<a href="#">BTM-9 (D)</a>	03/08/11
	<a href="#">BTM-11 (I)</a>	03/08/11
	<a href="#">BTM-13 (H)</a>	03/08/11
	<a href="#">BTM-14 (C)</a>	03/08/11
	<a href="#">BTM-15 (C)</a>	03/08/11
	<a href="#">BTM-16 (B)</a>	16-May-2017
	<a href="#">BTM-18 (A)</a>	11-Feb-2017
*	<a href="#">BTM-20</a>	23-Feb-2018

MCL NDT Manual  
CDM - Contamination Detection Methods

	Method Specifications & Revisions	Revision Date
	CDM-2 (F)	03/08/11
	CDM-3 (D)	03/08/11
	CDM-5	14-Jun-2017

[MCL NDT Manual](#)  
[CTM - Computed Tomography Method](#)

	Method Specifications & Revisions	Revision Date
	CTM Master (G)	09/27/13

[MCL NDT Manual](#)  
[CVM - Crystal Verification Methods](#)

	Method Specifications & Revisions	Revision Date
	CVM-1 Master (B)	09/26/11
	CVM-1 Code 1 (B)	09/26/11
	CVM-2 (G)	01/28/13
	CVM-3 (A)	09/26/11

[MCL NDT Manual](#)  
[DCM - Dimensional Characteristic Methods](#)

	Method Specifications & Revisions	Revision Date
	DCM-2 (C)	08/30/11
	DCM-5 (B)	10/24/11
	DCM-8 (A)	09/12/11
	DCM-8-2 (D)	09/12/11

[MCL NDT Manual](#)  
[DLT - Dead Load Test](#)

	Method Specifications & Revisions	Revision Date
	DLT Master (B)	08/30/11

[MCL NDT Manual](#)  
[DRM - Digital Radiography Method](#)

	Method Specifications & Revisions	Revision Date
	DRM Master (B)	1-Oct-2015

[MCL NDT Manual](#)  
[ECM - Eddy Current Methods](#)

	Method Specifications & Revisions	Revision Date
	ECM Master (J)	6-Aug-2014
	ECM Code 1 (B)	03/08/11
	ECM Code 2 (B)	03/08/11
	ECM Code 3 (B)	03/08/11
	ECM Code 4 (C)	03/08/11
	ECM Code 5 (E)	03/08/11

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[EIM - Etch Inspection Methods](#)

	Method Specifications & Revisions	Revision Date
	EIM Master (J)	8-Jan-2016
	EIM Master Supp. (J)	12/11/13
	EIM Code 1 (C)	6-Aug-2014
	EIM Code 2 (P)	11-May-2016
	EIM Code 3 (F)	8-Jan-2016
	EIM Code 4 (F)	03/31/11
	EIM Code 5 (D)	03/31/11
	EIM Code 7 (C)	6-Aug-2014
	EIM Code 8 (D)	11-May-2016

[MCL NDT Manual](#)  
[FDM - Frequency Determination Methods](#)

	Method Specifications & Revisions	Revision Date
	FDM-2 (E)	9-Jan-2014
	FDM-3 (B)	10-Jan-2014
	FDM-4 (C)	11-Jun-2015
	FDM-5 (B)	10-Jan-2014

[MCL NDT Manual](#)  
[FPM - Fluorescent Penetrant Methods](#)

	Method Specifications & Revisions	Revision Date
	FPM Master (F)	27-Jan-2016
	FPM Master Supp. (H)	13-Mar-2017
	FPM Code 1 (E)	07/08/11
	FPM Code 2 (E)	07/08/11
	FPM Code 5 (G)	07/08/11
	FPM Code 7 (C)	07/08/11
	FPM Code 9 (G)	30-Jun-2015
	FPM Code 10 (--)	1-Oct-2014

[MCL NDT Manual](#)  
[HIM - Hardness Inspection Methods](#)

	Method Specifications & Revisions	Revision Date
	HIM-1 (S)	11/09/11



HIM-2 (D)	09/26/11
HIM-3 (H)	09/30/11

[MCL NDT Manual](#)  
[HTM - Heat Tint Methods](#)

	Method Specifications & Revisions	Revision Date
	HTM-1 (D)	3-Jun-2014
	HTM-2 (D)	3-Jun-2014
	HTM-3 (G)	3-Jun-2014
	HTM-3 (G) REDACTED	3-Jun-2014

[MCL NDT Manual](#)  
[IE-VIM - Industrial Engines Visual Inspection Method](#)

	Method Specifications & Revisions	Revision Date
	IE-VIM Master	16-Mar-2015

[MCL NDT Manual](#)  
[IRM - InfraRed Method](#)

	Method Specifications & Revisions	Revision Date
	IRM-1 (B)	09/30/11

[MCL NDT Manual](#)  
[MPM - Magnetic Particle Methods](#)

	Method Specifications & Revisions	Revision Date
	MPM (J)	18-Mar-2016
	MPM (J) Alternate	17-Jun-2017

[MCL NDT Manual](#)  
[NRM - Neutron Radiography Method](#)

	Method Specifications & Revisions	Revision Date
	NRM Master (C)	5-Oct-2016

[MCL NDT Manual](#)  
[PCM - Process Control Methods](#)

	Method Specifications & Revisions	Revision Date
	PCM-M (A)	09/12/11

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[PTM - Pressure Test Methods](#)

	Method Specifications & Revisions	Revision Date
	PTM Master (J)	10/24/12
	PTM Code A (E)	11-Jul-2014
	PTM Code B (E)	11-Jul-2014
	PTM Code C (G)	11-Jul-2014
	PTM Code D (E)	11-Jul-2014
	PTM Code E (E)	11-Jul-2014
	PTM-3 (F)	10/24/12
	PTM-22 (A)	09/13/11

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[SIM - Sonic Inspection Methods](#)

	Method Specifications & Revisions	Revision Date
	SIM-1 (M)	09/30/11
	SIM-1 (M) Alternate	4-Oct-2017
+	<b>SIM-1(M) HA Alternate</b>	<b>14-Mar-2018</b>
	SIM-2 (M)	12/02/13
	SIM-3 (D)	08/30/11
	SIM-4 (F)	11/09/11
	SIM-11 (F)	05/31/12
	SIM-12 (A)	05/31/12
	SIM-13 (B)	08/30/11
	SIM-14 (A)	07/25/12
	SIM-15 (A)	08/30/11
*	<b>SIM-16 (C)</b>	<b>26-Jan-2018</b>
	SIM-17 (B)	05/31/12
	SIM-21 (A)	08/30/11
	SIM-309 (H)	9-Jan-2014
	SIM-314 (B)	09/26/11

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[TDM - Thickness Determination Methods](#)

	Method Specifications & Revisions	Revision Date
	TDM-1 (E)	02/03/12
	TDM-7 (J)	05/31/12
	TDM-9 (F)	09/12/11
	TDM-10 (F)	29-Nov-2017

+	<b>UICS</b>	<b>14-Mar-2018</b>
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[VIM - Visual Inspection Method](#)

	Method Specifications & Revisions	Revision Date
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VIM Master (D)	10/24/11
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[WLM - White Light Methods](#)

	Method Specifications & Revisions	Revision Date
	WLM Master (D)	12/17/13
	WLM Appendix 1 (A)	07/30/12
	WLM Appendix 2 (B)	10-Jan-2014
	WLM Appendix 3 (B)	10-Jan-2014
	WLM Appendix 4 (A)	07/30/12
	WLM Appendix 5 (B)	10-Jan-2014
	WLM Appendix 6 (A)	07/30/12
	WLM Appendix 7 (A)	07/30/12
	WLM Appendix 9 (--)	18-May-2017
	WLM Appendix 40 (--)	12/17/13
	WLM Appendix 41 (--)	12/17/13

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[XRM - X-Ray Methods](#)

	Method Specifications & Revisions	Revision Date
	XRM Master (K)	12/11/15
	XRM Code 1 (D)	07/21/11
	XRM Code 3 (E)	07/21/11
	XRM Code 4 (D)	07/21/11
	XRM Code 7 (D)	07/21/11
	XRM Code 8 (D)	07/21/11
	XRM Code 9 (D)	07/21/11

[MCL NDT Manual](#)  
[Cancelled Methods](#)

	Method Specifications & Revisions	Revision Date
	ACDM-301 (A) CANCELED	03/05/85
	ATTM-1 (H) CANCELED	10/10/78
	ATTM-2 (L) CANCELED	04/30/82
	ATTM-3 (H) CANCELED	10/10/78
	ATTM-6 (H) CANCELED	04/30/82
	ATTM-8 (D) CANCELED	04/30/82
	ATTM-9 (C) CANCELED	04/30/82
	ATTM-10 (A) CANCELED	04/30/82
	ATTM-201 (B) CANCELED	04/15/75
	ATTM Code 6 (B) CANCELED	12/11/92
	ATTM Code 8 (C) CANCELED	12/11/92
	ATTM Code 9 (B) CANCELED	12/11/92
	BRM-1 (A) CANCELED	04/18/80
	BRM-2 (A) CANCELED	04/18/80
	BTM-6 (B) CANCELED	08/01/01
	BTM-7 Code A (A) CANCELED	06/15/04
	BTM-7 Code B (A) CANCELED	06/15/04
	BTM-7 Code C (A) CANCELED	06/15/04
	BTM-7 Code D (A) CANCELED	06/15/04
	BTM-8 (B) CANCELED	11/30/82
	BTM-10 (A) CANCELED	03/05/85
	BTM-12 (B) CANCELED	09/06/07
	CDM-1 (D) CANCELED	11/15/84
	CDM-4 (E) CANCELED	12/10/10
	DIM-1 (B) CANCELED	03/05/85
	ECM-1 (A) CANCELED	05/19/72
	ECM-2 (F) CANCELED	08/01/80
	ECM-3 (B) CANCELED	08/01/80
	ECM-4 (A) CANCELED	08/01/80
	ECM-5 (C) CANCELED	08/01/80
	ECM-6 (A) CANCELED	08/07/85
	ECM-331 (A) CANCELED	03/31/98
	EIM Code 6 (A) CANCELED	12/20/93
	EIM-1 (Q) CANCELED	12/08/86
	EIM-2 (M) CANCELED	12/08/86
	EIM-3 (J) CANCELED	12/08/86
	EIM-4 (B) CANCELED	12/08/86
	EIM-5 (H) CANCELED	12/08/86
	EIM-6 (C) CANCELED	12/08/86
	EIM-7 (B) CANCELED	12/08/86
	EIM-8 (A) CANCELED	12/08/86
	EIM Code 9 (B) CANCELED	03/31/11
	FDM-1 (A) CANCELED	03/05/85
	FPM Code 3 (D) CANCELED	09/10/10
	FPM Code 4 (D) CANCELED	07/11/14
	FPM Code 6 (B) CANCELED	05/12/88
	FPM Code 8 (C) CANCELED	09/10/10
	FPM (B) CANCELED	07/19/85
	FPM-1 (M) CANCELED	07/25/75
	FPM-2 (P) CANCELED	07/25/75
	FPM-3 (N) CANCELED	07/25/75
	FPM-4 (G) CANCELED	04/04/89
	FPM-5 (J) CANCELED	07/25/75
	FPM-6 (A) CANCELED	07/25/75
	FTM - 204 Chg. 4 CANCELED	03/31/98
	GIM-206 (A) CANCELED	03/05/85
	GSDM (A) CANCELED	03/08/11
	GSDM Supp. (A) CANCELED	03/08/11
	HCM-1 (G) CANCELED	08/01/77
	HTM-4 (A) CANCELED	11/21/88
	LTM-1 (A) CANCELED	03/05/85
	MPM Supp. (A) CANCELED	05/20/86
	MSTM-1 (B) CANCELED	06/07/72
	PCM (A) CANCELED	03/05/85

PS-VIM Master (A) CANCELED	03/16/15
PTFM-201 (A) CANCELED	03/30/98
PTFM-202 (A) CANCELED	03/30/98
PTM-1 (M) CANCELED	05/31/88
PTM-2 (H) CANCELED	07/16/75
PTM Code F (D) CANCELED	07/11/14
PTM-201 (F) CANCELED	07/26/89
RAM-2 (A) CANCELED	10/10/91
SIM-5 (A) CANCELED	02/22/72
SIM-6 (A) CANCELED	08/16/73
SIM-7 (A) CANCELED	10/01/73
SIM-8 (A) CANCELED	06/15/73
SIM-301 (B) CANCELED	03/31/98
SIM-304 (A) CANCELED	09/14/73
SIM-305 (A) CANCELED	09/14/73
SIM-308 (C) CANCELED	03/31/98
SIM-310 (B) CANCELED	11/30/88
SIM-311 (A) CANCELED	11/30/88
SIM-312 (A) CANCELED	07/09/74
SIM-313 (A) CANCELED	03/05/85
TDM-2 (E) CANCELED	02/14/80
TDM-3 (C) CANCELED	10/10/78
TDM-4 (B) CANCELED	10/10/78
TDM-6 (F) CANCELED	06/26/92
TDM-8 (D) CANCELED	08/08/85
TDM-10 Supp. (A) CANCELED	06/18/10
TDM-10 Master (A) CANCELED	08/08/85
TDM-10 Code 1 (A) CANCELED	08/08/85
TTIM-1 (C) CANCELED	02/20/92
XRM Code 2 (B) CANCELED	08/06/85
XRM Code 5 (B) CANCELED	08/06/85
XRM Code 6 (B) CANCELED	08/06/85
XRM Code 10 (B) CANCELED	04/15/98
XRM Supp. 1 (A) CANCELED	08/06/85
XRM Master Supplement 2 (H) CANCELED	08/06/14
XRM-1 (Q) CANCELED	11/30/77
XRM-2 (C) CANCELED	11/22/11
XRM-3 (A) CANCELED	02/04/72
XRM-4 (A) CANCELED	02/08/72
XRM-5 (C) CANCELED	11/30/77
XRM-6 (A) CANCELED	02/04/72
XRM-7 (A) CANCELED	02/04/72
XRM-301 (A) CANCELED	03/05/85

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This document contains no technical data subject to the EAR or the ITAR.



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SECTION	REV. DATE
Preface	10/22/2014
* Source Qualification List Cover	3/21/2018 (AE)
APU SQ List Cover	12/05/17 (D)
Volume IV Contents	Cancelled 9/15/11
Volume IV-D Contents	Cancelled 9/15/11
Source Qualification List	2/19/2016
P&W Rocketdyne Source Qualification List-(updated monthly=&)	10/28/2011- document has been cancelled
Sensitive Index	4/1/2011- document has been cancelled
All Purchased Parts Suppliers (cancelled & incorporated into F-17)	Removed

Laboratory Control Space Shuttle  
Main Engine (SSME)  
Turbopump Parts & Materials

Current Revisions for SSME F-54 Addenda Reside in the "Rocket Engineering Instruction (REI)" section of the Homepage.

**APPENDIX – SECTIONS**

SECTION	REV. DATE
App Contents	Removed
App 29 Cancelled	7/21/2009
App 32	07/08/2016 (D)
App 35	06/28/2016 (B)
* App 36	03/05/18 (AD)
App 43 Cancelled	2/5/2010
App 52	3/15/2012 TRANSFERRED OUT: Materials for Use in Liquid Oxygen System
* App 56	01/22/18 (T)
App 60	7/31/2013
App 61 Cancelled	Cancelled 9/8/2009
App 63 Cancelled	Cancelled 7/22/2009
App 65 Cancelled	Cancelled 4/2/2009
App 68 Cancelled	Removed
App 69 Cancelled	Cancelled 6/1/2009
App 72 Cancelled	Cancelled 7/16/2009

**A - SECTIONS**  
Laboratory Controls for  
Product and Product-Related Material

SECTION	REV. DATE
A Contents	Removed
* A-1	02/28/18 (F)
A-2	8/16/2013
A-2 Supp A	3/15/2012 - Transferred Out - Resides in Florida not MCL(QSL) out
* A-3	01/18/18 (E)
A-4	8/1/2014
A-4 Supp 1	09/14/17 (C)
* A-4 Supp 2	03/13/18 (A)
A-4 Supp 3A	3/29/2011
A-4 Supp 3B	4/4/2011
A-4 Supp 3C	11/10/2010
A-4 Supp 3D	2/13/13 - Transferred Out - Resides in Florida not MCL(QSL)
A-4 Supp 4	4/4/2011
A-5	8/11/2011
A-6	05/30/17 (A)
* A-6 Supp A	03/27/18 (B)
* A-6 Supp B	03/23/18 (A)
A-6 Supp C	11/15/2012
A-6 Supp D	4/9/2013
A-6 Supp E	2/24/2015
* A-6 Supp F	03/28/18 (B)
A-6 Supp G	11/10/2011
* A-6 Supp H	03/28/18 (B)
A-6 Supp I	11/17/16 (F)
* A-6 Supp K	03/28/18 (B)

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	A-7	04/25/16 (B)
	A-8	2/2/2016
	A-9	12/22/16 (B)
	A-10 Cancelled	Cancelled 3/7/2012
*	A-10 Supp A	01/17/18 (G)
	A-10 Supp B	8/27/2013
	A-10 Supp C	8/27/2013
	A-13 Cancelled	Cancelled 8/26/2009
	A-13 Supp A Cancelled	Cancelled 8/26/2009
	A-19	12/22/2014
	A-100	3/15/12 -Transferred Out - Resides in Florida not MCL(QSL)

**APU - SECTIONS  
Auxiliary Power Unit (APU)  
Standard Work**

SECTION	REV. DATE
APU 01-10	12/21/17 (A)

**C - SECTIONS  
Material Control Laboratory  
Internal Procedures**

SECTION	REV. DATE
C Contents	Removed
C-1	09/01/17 (E)
C-5	11/27/17 (F)
C-10	11/20/16 (F)
C-10 Supp A	05/12/16 (F)
C-10 Supp B	07/05/17 (F)
C-10 Supp C	04/07/16 (C)
C-10 Supp D	06/24/16 (D)
C-10 Supp F	06/02/16 (D)
C-10 Supp G	06/06/16 (C)
C-10 Supp H	06/16/17 (C) cxc
C-21	4/14/2015
C-39	12/23/2016 (D)
* C-54	02/28/18 (E)
C-54 Supp A	9/18/2015
C-55	05/17/16 (B)
C-55 Supp A	06/01/16 (C)
C-59	06/01/16 (A)
C-65	5/8/2012
C-66	05/30/17 (D)
C-66 Supp A Cancelled	8/21/2013
C-67	6/26/2015
C-68	2/9/2016
C-68 Supp A	06/06/16 (B)
C-68 Supp B	5/31/2016
C-69	12/26/17 (A)
C-70	Cancelled 7/28/2014
C-70 Supp A Cancelled	Cancelled 5/15/2013
C-71 Cancelled	Removed
C-72	04/05/17 (B)
C-73	06/06/16 (A)
C-74	06/30/16 (B)
C-75 Cancelled	Cancelled 4/17/2013
C-76	7/30/2013

**E SECTIONS  
General Instructions for  
Mechanical and Metallurgical Test**

SECTION	REV. DATE
E-0	2/1/2012
E-0 Supp A	10/27/2010
E-0 Supp A1	8/13/2013
E-0 Supp B	04/26/16 (A)
E-0 Supp C	4/5/2011
E-0 Supp C1	6/3/2015
* E-0 Supp D	01/16/18 (B)
E-0 Supp E	8/1/2011
E-0 Supp F	12/08/14

**Acceptance Standards**

SECTION	REV. DATE
E Sections Ref. Cancelled	Cancelled 3/11/2009
E-1	12/26/17 (A)
* E-2	01/24/18 (A)
* E-4	01/22/18 (A)

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	E-5	4/5/2011
	E-6	9/30/2011
	E-12	7/8/2011
	E-13	7/8/2011
	E-14	4/5/2011
	E-15	4/5/2011
	E-16	11/9/2011
	E-18	12/26/17 (A)
	E-20	7/8/2011
	E-23	4/6/2011
	E-24	9/18/2015
	E-25	7/8/2011
	* E-27	03/02/18 (A)
	E-28	9/30/2010
	E-32	4/6/2011
	E-33	12/19/17 (A)
	E-34	7/14/2010
	E-38	4/7/2011
	E-39	7/8/2011
	E-39 Supp A	7/8/2011
	E-42	7/8/2011
	E-43	12/28/16 (A)
	E-43 Supp A	11/30/2015
	E-44	7/8/2011
	E-44 Supp A	11/13/2015
	E-45	7/8/2011
	E-46	7/8/2011
	E-50	9/20/2010
	E-52	4/3/2013
	E-53	1/6/2012
	E-53 Supp 1	8/11/2011
	E-53 Supp 2	8/16/2011
	E-53 Supp 5	8/12/2011
	E-53 Supp 7	8/16/2011
	E-53 Supp 10	8/16/2011
	E-53 Supp 12	8/16/2011
	E-53 Supp 13	8/16/2011
	E-53 Supp 14	8/16/2011
	E-53 Supp 15	8/12/2011
	E-53 Supp 16	8/12/2011
	E-53 Supp 17	8/12/2011
	E-53 Supp 18	8/12/2011
	E-53 Supp 20	8/12/2011
	E-53 Supp 21	8/12/2011
	E-53 Supp 22	8/15/2011
	E-53 Supp 33	8/15/2011
	E-53 Supp 35	8/15/2011
	E-53 Supp 37	6/6/2013
	E-53 Supp 38	8/15/2011
	E-53 Supp 47	9/13/2011
	E-53 Supp 72 Cancelled	Removed
	E-53 Supp 69	5/10/2012
	E-53 Supp 78	8/15/2011
	E-53 Supp 85	11/9/2011
	E-54	5/31/2012
	E-54 Supp A	7/28/2011
	E-54 Supp B	9/29/2011
	E-54 Supp C	08/16/16 (B)
	E-54 Supp D Cancelled	Removed
	E-55	12/21/17 (A)
	E-56	7/28/2011
	E-57	9/27/2011
	E-58	10/26/2011
	E-59	11/16/2015
	E-60	8/15/2011
	E-61	11/30/2011
	E-63 Cancelled	Removed
	E-64	7/28/2011
	E-68	01/09/2017 (C)
	E-68 Supp A	4/7/2011
	E-68 Supp B	9/11/2017
	E-69	7/28/2011
	E-71	7/28/2011
	E-72	5/11/2012
	E-72 Supp A	7/28/2011
	E-72 Supp B	11/16/2015
	E-72 Supp C	4/7/2011
	E-73	11/18/2015
	E-74	7/20/2011
	E-75	11/9/2011
	E-76	7/21/2011
	E-76 Supp A	11/18/2015
	E-76 Supp B	01/25/2017 (B)
	E-78	2/24/2015

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	E-78 Supp A	8/15/2011
	E-78 Supp B	7/21/2011
	E-78 Supp C	06/01/16 (A)
	E-78 Supp D	11/19/2015
	E-85	11/19/2015
	E-90	5/11/2012
	E-90 Supp A	5/11/2012
	E-92	3/12/2010
*	E-95	02/07/18 (A)
	E-96	5/14/2012
	E-99	11/9/2011
	E-101	8/15/2011
	E-102 Cancelled	Cancelled 9/2/2008
	E-106	8/16/2011
	E-107	8/17/2011
	E-110	8/17/2011
	E-111	9/29/2011
	E-112	06/30/16 (A)
	E-112 Supp A	4/2/2013
	E-113 Cancelled	Cancelled 11/17/2011
	E-115	8/17/2011
	E-116	8/25/2011
	E-117	8/25/2011
	E-117 Supp A	11/19/2015
	E-117 Supp B	10/24/2011
	E-117 Supp C	11/19/2015
	E-117 Supp D	11/19/2015
	E-118	8/12/2011
	E-119	10/28/2011
	E-122	1/9/2012
	E-124	8/12/2011
	E-125	8/12/2011
	E-127	8/12/2011
	E-128	8/12/2011
	E-129	8/12/2011
	E-130	8/26/2011
	E-131	6/25/2014
	E-132	9/29/2011
	E-133	6/20/2011
	E-134	5/11/2011
	E-134 Supp A	11/11/13
	E-135 Cancelled	Cancelled 9/2/2008
	E-136	7/24/2010
	E-137	9/13/2011
	E-138	8/26/2011
	E-139	5/8/2015
*	E-140	02/07/18 (A)
	E-141	07/20/16 (A)
	E-142	12/9/2014
	E-142 Supp A	11/14/2016 (B)
	E-142 Supp B Cancelled	Removed
	E-143	11/20/17 (A)
	E-144 Cancelled	Removed
	E-144 Supp A Cancelled	Removed
	E-144 Supp B	8/31/2011
	E-145	8/31/2011
	E-146	9/14/2011
	E-147	5/7/2013
	E-148	9/14/2011
	E-149	9/14/2011
	E-150	9/14/2011
	E-151	1/6/2012
	E-151 Supp A	9/15/2011
	E-151 Supp B	9/15/2011
	E-151 Supp C	11/8/2010
	E-152	11/20/17 (B)
	E-152 Supp A	9/15/2011
	E-152 Supp B	8/1/2014
	E-153	9/15/2011
	E-154	11/9/2011
	E-155 Cancelled	Cancelled 9/2/2008
	E-157	9/15/2011
	E-158	4/13/2015
	E-159	9/15/2011
	E-160	01/23/2017 (D)
	E-161	5/9/2012
	E-161 Supp A	Cancelled 06/03/2016
	E-162	9/15/2011
	E-163	9/15/2011
	E-164	9/15/2011
	E-165	9/19/2011
	E-166	07/17/17 (A)
*	E-166 Supp A	02/13/18 (C)
	E-166 Supp B	08/14/17 (B)

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	E-166 Supp C	11/14/2014
*	E-166 Supp D	3/22/2018
	E-167	07/08/16 (E)
	E-167 Supp A	7/29/2014
*	E-168	02/19/18 (A)
	E-169	12/19/17 (A)
	E-170	10/21/2011
	E-170 Supp A	9/16/2011
	E-170 Supp B	9/16/2011
	E-171 Cancelled	9/2/2008
	E-172	9/14/2011
*	E-173	02/19/18 (A)
	E-175	9/16/2011
	E-176	5/14/2012
*	E-178	02/20/18 (A)
	E-179	9/23/2011
	E-180 Cancelled	Cancelled 9/2/2008
	E-181	9/16/2011
*	E-182	02/20/18 (A)
	E-183	9/16/2011
	E-184	9/16/2011
	E-185	9/16/2011
	E-185 Supp. A	4/27/2012
	E-186 Cancelled	5/2/2011
	E-187	9/16/2011
	E-188	10/21/2011
	E-189	9/16/2011
	E-190	3/18/2016
	E-190 Supp A	8/27/2015
	E-190 Supp B	3/18/2016
	E-194	9/16/2011
	E-195	3/9/2016
	E-195 Supp A	3/10/2016
	E-195 Supp B	9/16/2011
	E-195 Supp C	6/6/2013
	E-195 Supp D	3/10/2016
	E-195 Supp E	9/9/2011
	E-195 Supp F	11/23/2016 (B)
	E-196	4/4/2013
	E-197 Cancelled	5/2/2011
	E-199	4/9/2013
	E-200	9/16/2011
	E-201	06/14/16 (A)
	E-202	4/9/2013
	E-203	6/25/2014
	E-204	11/14/2011
	E-205 Full Version	8/26/2014
	E-205 Redacted Version	3/5/2015
	E-206	9/29/2011
	E-207	06/15/16 (A)
	E-208	9/30/2011
	E-209	9/30/2011
	E-210	9/30/2011
	E-211	9/30/2011
	E-212	11/23/16(A)
	E-213	11/30/16 (A)
	E-214	Cancelled 06/14/2016
	E-215 cancelled	Cancelled 9/30/2011
	E-217	11/8/2011
*	E-218 Supp A	01/15/18 (D)
	E-218 Supp A	05/01/2015
	E-219 cancelled	Cancelled 10/28/2011
	E-220	10/27/2011
	E-221	8/1/2011
	E-222	11/8/2011
	E-223	9/28/2011
	E-224	7/7/2011
	E-225	11/8/2011
	E-226	11/8/2011
	E-227	11/8/2011
	E-228	11/8/2011
	E-229	11/8/2011
	E-230	4/8/2013
	E-231	11/8/2011
	E-232	06/14/16 (B)
*	E-234	02/20/18 (A)
	E-235	11/8/2011
	E-236	06/14/16 (B)
	E-237	7/10/2015
	E-238	11/16/2011
	E-239	04/26/16 (A)
	E-240	4/8/2013
	E-241	8/30/2011



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	E-242	11/8/2011
	E-243	4/22/2014
	E-243 Supp A	11/14/2014
	E-244	9/30/2011
	E-245	9/30/2011
	E-246	9/9/2011
	E-248	4/13/2015
	E-249	3/14/2016
	E-249 Supp A	11/8/2011
	E-250	11/8/2011
	E-251	11/8/2011
	E-252	7/28/2014
	E-253	01/10/2017 (C )
	E-254	11/8/2011
	E-255	06/01/16 (A)
	E-256	11/9/2011
	E-257	11/9/2011
	E-258	11/30/2011
	E-259	4/9/2013
	E-261	11/9/2011
	E-262	11/9/2011
	E-263	11/9/2011
*	E-264 Cancelled	Cancelled 02/05/18 (A)
	E-265	1/12/2012
	E-266	1/12/2012
	E-267	10/21/2011
	E-268	11/9/2011
	E-269	11/16/2011
	E-270	4/13/2015
	E-271	4/14/2015
	E-272	1/12/2012
	E-273	11/9/2011
	E-273 Supp A	7/18/2012
	E-274	11/9/2011
	E-275	11/16/2011
	E-276	7/28/2014
	E-277	3/15/2010
	E-278	2/6/2012
	E-279	10/31/2013
	E-280	4/9/2013
	E-281	2/7/2012
	E-282	6/10/2011
	E-283	07/21/17 (B)
	E-286	6/6/2013
	E-287	11/01/17 (A)
	E-288	2/19/2016
	E-289	5/29/2013
	E-291	4/9/2013
	E-292	5/7/2013
	E-293	7/3/2013
	E-294	8/20/2014
	E-295	7/31/2014
	E-296	7/10/2015
	E-297	12/21/17 (A)
	E-298	3/07/2017 (A)
	E-299	04/28/16 (A)
	E-301	1/29/2016
	E-301 Supp. A	3/20/2017 (A)
	E-302	1/3/2017
	E-303	3/24/2017
+	E-304	2/15/2018

**Mechanical & Metallurgical  
Test Methods**

SECTION	REV. DATE
E-1000	4/7/2011
E-1000 Supp C	10/25/2011
E-1000 Supp F	10/25/2011
E-1000 Supp G	10/25/2011
E-1000 Supp H	10/25/2011
E-1000 Supp I	11/9/2011
E-1000 Supp S	9/30/2011
E-1001	4/3/2014
E-1005	11/9/2011
E-1008	10/25/2011
E-1044	11/9/2011
E-1071	Removed
E-1071A	Removed
E-1107	11/9/2011
E-1107 Supp A	11/9/2011
E-1108	1/10/2012
E-1109	1/20/2012
E-1110	6/11/2014

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E-1121	1/10/2012
E-1141	4/9/2013
E-1158	11/14/2011
E-1160	11/14/2011
E-1173	11/1/2014
E-1174	10/25/2011
E-1175	11/9/2011
E-1176	12/8/2016

**Radar Measurement and**  
**Material Electromagnetic Tests**

SECTION	REV. DATE
E-1071	1/16/2012
E-1071A	1/23/2012

**F SECTIONS**  
**Supplier Controls for Product**  
**and Product-Related Material**

Section	REV. DATE
F Contents	Removed
F-Master	03/21/2017 (G)
F-1	04/21/17 (D)
F-2	3/26/2015
F-3	12/17/2014
F-4	12/17/2014
F-9	10/11/2016 (B)
F-11	12/23/16 (C)
F-11 Supp D	04/13/16 (D)
F-12	01/10/2017 (D)
F-13	3/14/2016
F-14	06/28/17 (D)
F-15	01/23/2017 (B)
F-16	10/16/2014
F-17	7/1/2015
F-17 Supp A	01/10/2017 (B)
F-22	10/16/2014
F-23	05/15/17 (D)
F-24	7/1/2015
F-25	07/21/17 (C)
F-26	04/14/16 (B)
F-27	04/14/16 (B)
F-28	3/25/2015
F-31	3/19/2017 (C)
F-32	2/25/2015
F-36	04/24/17 (D)
F-38	7/1/2015
F-40	01/10/2017 (B)
F-40 Supp A Cancelled	Removed
F-40 Supp B	04/20/16 (B)
F-42	04/14/16 (B)
F-43	07/14/17 (C)
F-44	01/23/2017 (C)
F-45 Redacted Version	04/14/16 (B)
F-46	12/3/2013
F-46 Supp A	8/11/2011
F-52	11/19/2014
F-53	06/19/17 (D)
F-54	12/8/2011 TRANSFERRED OUT: Lab. Control of SSME Turbopump Parts and Materials
F-56	5/31/2012 TRANSFERRED OUT: Cleaning of Rocket Engine Plumbing
F-57	07/13/17 (E)
F-57 Supp A	07/13/17 (C)
F-57 Supp B	7/13/2017
F-57 Supp C	7/13/2017
F-58	3/15/2012 TRANSFERRED OUT: Lab. Control Plus At Space Propulsion
F-60	03/23/2017 (C)
F-61	04/15/16 (C)
F-62	05/19/17 (C)
F-64	04/27/17 (B)
F-65	04/15/16 (B)
* F-66 Full Version	02/05/18 (B)
F-66 Redacted Version	3/26/2013
F-69	11/22/16 (B)
F-70	1/29/2016

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**J – SECTIONS  
Specimen Preparation  
Machining Group**

SECTION	REV. DATE
J Contents	Removed
* J-0	3/14/2018 (A)
* J-1	3/16/2018 (A)
* J-3	3/16/2018 (A)
* J-4	3/16/2018 (A)
J-5	12/26/17 (A)
* J-6	3/16/2018 (A)
* J-7	3/16/2018 (A)
* J-8	3/16/2018 (A)
* J-9	3/16/2018 (A)
* J-10	3/16/2018 (A)
* J-11	3/16/2018 (A)
* J-12	3/16/2018 (A)
* J-14	3/19/2018 (A)
* J-15	3/19/2018 (A)
* J-16	3/19/2018 (A)
* J-18	3/19/2018 (A)
J-20	12/26/17 (A)
J-21	08/31/17 (A)
* J-22	3/19/2018
* J-23	04/04/18 (C)
* J-24	03/19/18 (A)
* J-25	03/19/18 (A)
* J-27	03/19/18 (A)
* J-28	03/19/18 (A)
* J-29	03/20/18 (A)
* J-30	03/21/18 (A)
* J-32	03/21/18 (A)
* J-35	03/21/18 (A)
* J-36	03/21/18 (A)
* J-37	03/21/18 (A)
* J-38	03/21/18 (A)
* J-39	03/21/18 (A)
* J-40	03/21/18 (A)
J-45	07/22/16 (A)
* J-47	03/21/18 (A)
* J-50	03/21/18 (A)
* J-51	03/22/18 (A)
* J-52	03/22/18 (A)
* J-53	03/22/18 (A)
* J-54	03/22/18 (A)
* J-55	03/22/18 (A)
* J-56	03/22/18 (A)
* J-59	03/22/18 (A)
* J-60	03/22/18 (A)
* J-61	03/22/18 (A)
* J-62	03/22/18 (A)
J-64	12/26/17 (A)
* J-65	03/22/18 (A)
J-68	3/26/2012
* J-70	03/23/18 (A)
* J-71	03/23/18 (A)
* J-72	03/23/18 (A)
J-78	03/23/18 (A)
* J-80	03/26/18 (A)
* J-81	03/26/18 (A)
* J-82	03/26/18 (A)
* J-83	03/26/18 (A)
J-84	1/22/2013
* J-85	3/26/2018 (A)
* J-86	3/27/2018 (A)
* J-88	3/27/2018 (A)
* J-89	3/27/2018 (A)
J-90	12/26/17 (B)
J-90 Supp 1	12/26/17 (A)
* J-93	3/27/2018 (A)
* J-94	3/27/2018 (A)
J-95 Cancelled	Cancelled 7/10/2013
* J-97	3/27/2018 (A)
* J-99	3/27/2018 (A)
J-100	12/26/17 (A)
* J-103	3/27/2018 (A)
* J-104	3/27/2018 (A)
* J-105	3/27/2018 (A)
J-106 Cancelled	Cancelled 4/15/2010
* J-107	3/28/2018 (A)
* J-109	3/28/2018 (A)

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* J-110	3/28/2018 (A)
* J-111	3/28/2018 (A)
* J-112	3/29/2018 (A)
* J-113	3/29/2018 (A)
* J-114	3/29/2018 (A)
* J-115	3/29/2018 (A)
* J-116	3/29/2018 (A)
J-117	12/27/17 (A)
* J-118	03/29/18 (A)
J-119	1/23/2012
J-119 Supp A	1/22/2013
J-120	1/23/2012
J-121 Cancelled	Cancelled 11/9/2011
J-122	12/27/17 (A)
J-123	5/8/2012
J-124	12/27/17 (A)
J-125	1/23/2012
J-125 Supp A	1/22/2013
J-126	12/27/17 (A)
J-127 Cancelled	Cancelled 1/31/2012
J-128	12/27/17 (A)
J-129 Cancelled	Cancelled 5/11/2009

**K - SECTIONS  
Mechanical and Metallurgical Tests -  
Metallic Materials**

SECTION	REV. DATE
K Contents	Removed
K-4	12/8/2010
K-5	12/9/2010
K-6	3/21/2011
K-13 Cancelled	Cancelled 9/25/2008
K-14	12/9/2010
K-15	3/21/2011
K-17	12/9/2010
K-19	12/9/2010
K-24	3/21/2011
K-33 Cancelled	Removed
K-34	12/9/2010
K-35	3/8/2011
K-36	12/10/2010
K-38	12/9/2010
K-42	12/9/2010
K-43 Cancelled	Removed
K-45	12/10/2010
K-50	12/10/2010
K-55 Cancelled	Cancelled 9/25/2008
K-56	12/10/2010
K-58	12/10/2010
K-61 Cancelled	Removed
K-62	6/21/2011
K-65	12/10/2010
K-66 Cancelled	Cancelled 9/30/2010
K-67	11/9/2010
K-70	12/13/2010
K-76	12/13/2010
K-78	12/13/2010
K-79	12/13/2010
K-80	12/13/2010
K-81 Cancelled	Cancelled 9/25/2008
K-82	12/13/2010
K-83 Cancelled	Removed
K-85	4/2/2011
K-86 Cancelled	Cancelled 7/14/2010
K-88 Cancelled	Cancelled 9/25/2008
K-89	12/13/2010
K-92	12/13/2010
K-95	12/13/2010
K-97	12/13/2010
K-100	12/13/2010
K-116 Cancelled	Removed
K-119 Cancelled	Removed
K-120	12/13/2010
K-121	12/13/2010
K-122	12/14/2010
K-123	12/14/2010
K-124	12/14/2010
K-125 Cancelled	Cancelled 2/18/2010
K-133	12/14/2010
K-134	12/15/2010
K-135	4/4/2011
K-137	12/15/2010

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	K-143 Cancelled	Removed
	K-144	12/15/2010
	K-145 Cancelled	Cancelled 9/25/2008
	K-148 Cancelled	Cancelled 9/25/2008
	K-152 Cancelled	Cancelled 9/25/2008
	K-154 Cancelled	Cancelled 9/25/2008
	K-158 Cancelled	Cancelled 9/25/2008
*	K-161	02/20/18 (A)
	K-162	4/4/2011
	K-167	12/15/2010
	K-168	12/15/2010
	K-169	12/15/2010
	K-169 Supp A	12/15/2010
	K-169 Supp B	12/15/2010
	K-170	12/15/2010
	K-173	12/16/2010
	K-174	05/16/17 (B)
	K-175	12/16/2010
	K-176	4/1/2011
	K-180	4/4/2011
	K-184 Cancelled	Cancelled 4/29/2010
	K-189	12/16/2010
	K-192	3/21/2013
	K-194 Cancelled	Cancelled 7/29/2011
	K-196	12/16/2010
	K-198 Cancelled	Cancelled 9/25/2008
	K-199	12/16/2010
	K-200	12/16/2010
	K-202	3/21/2013
	K-204	3/22/2013
	K-207 Cancelled	Removed
	K-211 Cancelled	Cancelled 9/25/2008
	K-212	3/24/2011
	K-213	5/27/2010
	K-220	5/27/2010
	K-228	3/22/2011
	K-229	5/27/2010
	K-230	3/23/2011
	K-232	5/27/2010
	K-233	3/22/2011
	K-234	3/22/2011
	K-235 Cancelled	Cancelled 10/18/2011
	K-236	12/19/17 (A)
	K-239	3/22/2011
	K-241	5/27/2010
	K-242	3/22/2013
	K-244	3/23/2011
	K-245 Cancelled	Cancelled 10/28/2009
	K-247	3/23/2011
	K-248 Cancelled	Cancelled 9/25/2008
	K-249 Cancelled	Removed
	K-250	6/22/2010
	K-251	3/30/2011
	K-252	12/17/2010
	K-253	3/30/2011
	K-255	12/17/2010
	K-256 Cancelled	Removed
	K-258	12/17/2010
	K-262	3/30/2011
	K-267	3/30/2011
	K-269	7/2/2012
	K-273	3/25/2013
	K-274	3/11/2011
	K-275	3/11/2011
	K-276	3/31/2011
	K-277	3/31/2011
	K-278	3/26/2013
	K-281	3/31/2011
	K-283 Cancelled	Cancelled 9/25/2008
	K-285 Cancelled	Cancelled 4/15/2001
	K-286	3/31/2011
	K-287	4/5/2011
	K-288 Cancelled	Cancelled 4/2/2011
	K-289	3/21/2013
	K-295	4/6/2011
	K-296	3/26/2013
	K-298 Cancelled	Cancelled 9/25/2008
	K-299 Cancelled	Cancelled 9/25/2008
	K-301 Cancelled	Removed
	K-304	8/24/2011
	K-305	8/24/2011
	K-308	8/24/2011
	K-309	8/24/2011

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	K-310 Cancelled & Replaced by E-1160	Removed
	K-317	8/24/2011
	K-319	8/24/2011
	K-320	8/24/2011
	K-321	8/24/2011
	K-322 Cancelled	Removed
	K-323	10/20/2011
	K-324	10/20/2011
	K-326	8/24/2011
	K-332 Cancelled	Cancelled 4/30/2001
	K-333 Cancelled	Cancelled 7/15/2009
	K-342	6/24/2010
	K-343	2/9/2012
	K-345 Cancelled	Removed
	K-346	8/24/2011
	K-347	8/24/2011
	K-355 Cancelled	Cancelled 5/9/2011
	K-357	2/22/2013 Transferred Out - Resides in Florida not MCL(QSL)
	K-359	8/24/2011
	K-360 Cancelled	Removed
	K-361	12/27/17 (A)
	K-365 Cancelled	Cancelled 5/9/2011

**L – SECTIONS  
Metallurgical Process Control Tests**

	SECTION	REV. DATE
	L Contents	Removed
	L-3	5/4/2010
	L-4	5/4/2010
	L-6	Cancelled: 11/14/17 (A)
*	L-9 Cancelled	Cancelled: 02/02/18
	L-29	Cancelled: 11/14/17 (A)
	L-30	5/4/2010
*	L-32 Cancelled	Cancelled: 02/02/18
	L-33	5/4/2010
	L-34	5/4/2010
	L-37	5/4/2010
	L-41	Cancelled: 11/14/17 (A)
	L-42	5/4/2010
*	L-43 Cancelled	Cancelled: 02/02/18

**M – SECTIONS  
Wet Chemical Tests –  
Metallic Materials**

	SECTION	REV. DATE
	M Contents	Remove
*	M-0	01/22/18 (A)
*	M-38	01/23/18 (A)
*	M-47	01/23/18 (A)
*	M-55	01/23/18 (A)
*	M-91	01/23/18 (A)
*	M-95	01/23/18 (A)
*	M-111	01/24/18 (A)
*	M-119	01/24/18 (A)
*	M-160	01/24/18 (A)
*	M-165	01/24/18 (A)
*	M-166	01/24/18 (A)
	M-167	6/14/2013
*	M-175	01/25/18 (A)
*	M-186	01/25/18 (A)
*	M-187	01/25/18 (A)

**M-500 Series – Atomic Absorption**

	SECTION	REV DATE
*	M-500	01/25/18 (A)
*	M-500 Supp A	01/25/18 (A)
*	M-503	01/29/18 (A)
*	M-504	01/29/18 (A)
*	M-520	01/29/18 (A)
*	M-526	01/29/18 (A)
*	M-530	01/29/18 (A)
*	M-537 Supp A	01/29/18 (A)
*	M-558	01/29/18 (A)

**N – SECTIONS**

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	SECTION	REV. DATE
	N Contents	Removed
*	N-0	01/30/18 (A)
*	N-0 Supp A	01/30/18 (A)
*	N-11	01/30/18 (A)
*	N-26	01/30/18 (A)
*	N-29	01/30/18 (A)
*	N-30	01/30/18 (A)
*	N-30 Supp A	01/30/18 (A)
*	N-35	01/30/18 (A)
*	N-36	01/30/18 (A)
*	N-37	01/30/18 (A)
*	N-51	03/07/18 (A)
*	N-56	03/07/18 (A)
	N-60	7/18/2014
*	N-60 Supp A	03/07/18 (A)
*	N-61	03/07/18 (A)
*	N-62	03/07/18 (A)
*	N-63	03/07/18 (A)
*	N-64	03/07/18 (A)

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+ Added Since Previous Edition of 1/25/18

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* N-65	03/07/18 (A)
N-66	10/13/16 (B)
* N-67	03/07/18 (A)
* N-69	03/07/18 (A)
N-70	7/18/2014
N-71	08/23/16 (A)
N-72	10/13/17 (A)

**P – SECTIONS  
Chemical Process Solution Control Tests**

SECTION	REV. DATE
P Contents	Removed
* P-0	03/12/18 (A)
* P-1	03/12/18 (A)
* P-2	03/12/18 (A)
* P-4	03/12/18 (A)
* P-6	03/12/18 (A)
* P-14	03/12/18 (A)
* P-17	03/12/18 (A)
* P-20	03/12/18 (A)
P-21 Cancelled	6/9/2011
P-23 Cancelled	Cancelled 11/23/16
* P-30	03/12/18 (A)
* P-32	03/12/18 (A)
* P-33	03/12/18 (A)
* P-41	03/12/18 (A)
* P-48	03/12/18 (A)
* P-55	03/15/18 (A)
* P-59	03/15/18 (A)
* P-60	03/15/18 (A)
* P-62	03/15/18 (A)
* P-66	03/15/18 (A)
* P-67	03/15/18 (A)
* P-78	03/15/18 (A)
* P-79	03/15/18 (A)
* P-82	03/15/18 (A)
* P-83	03/15/18 (A)
* P-83 Supp A	03/15/18 (A)
* P-85	03/15/18 (A)
* P-88	03/16/18 (A)
* P-94	03/16/18 (A)
P-95	3/15/12to-Transferred out
* P-97	03/16/18 (A)
* P-100	03/16/18 (A)
* P-104	03/16/18 (A)
* P-108	03/16/18 (A)
* P-109	03/16/18 (A)

**Q – SECTIONS  
Chemical Tests – Petroleum Products**

SECTION	REV. DATE
Q Contents	Removed
Q-0	12/14/17 (A)
Q-1	12/14/17 (A)
Q-2 Cancelled	Cancelled 9/25/2008
Q-3 Cancelled	Cancelled 9/25/2008
Q-4	12/14/17 (A)
Q-5 Cancelled	Cancelled 9/25/2008
Q-6 Cancelled	Cancelled 9/25/2008
Q-8	12/14/17 (A)
Q-9 Cancelled	Cancelled 9/25/2008
Q-12	12/14/17 (A)
Q-14	12/14/17 (A)
Q-15	12/14/17 (A)
Q-16	12/14/17 (A)
Q-17	12/14/17 (A)
Q-19	12/14/17 (A)
Q-20	12/18/17 (A)
* Q-21	03/29/18 (A)
Q-27 Cancelled	Cancelled 9/25/2008
Q-33	12/18/17 (A)
Q-36	12/21/17 (A)
Q-37	12/21/17 (A)
Q-39 Cancelled	Cancelled 9/25/2008
Q-41 Cancelled	Cancelled 9/25/2008
Q-42 Cancelled	Cancelled 9/25/2008
Q-44 Cancelled	Cancelled 9/25/2008
Q-45 Cancelled	Cancelled 9/25/2008
Q-47 Cancelled	Cancelled 9/25/2008
Q-52 Cancelled	Cancelled 9/25/2008
Q-57 Cancelled	Cancelled 9/25/2008



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Updated Quarterly - January, April, July, October

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	Q-58 Cancelled	Cancelled 9/25/2008
	Q-62 Cancelled	Cancelled 1/23/2009
	Q-65 Cancelled	Cancelled 9/25/2008
	Q-74	12/21/17 (A)
	Q-75 Cancelled	Cancelled 9/25/2008
	Q-76	12/21/17 (A)
	Q-77	12/21/17 (A)
	* Q-77 Supp A Cancelled	Cancelled 01/08/18 (B)
	Q-79 Cancelled	Cancelled 9/25/2008
	Q-80	12/21/17 (A)
	Q-81	12/21/17 (A)
	Q-82	12/21/17 (A)
	Q-83 Cancelled	Cancelled 9/25/2008
	Q-84	12/21/17 (A)
	Q-85	12/21/17 (A)
	Q-86	12/21/17 (A)
	Q-87	12/22/17 (A)
	Q-88 Cancelled	Cancelled 9/25/2008
	Q-89	12/22/17 (A)
	Q-90	11/27/17 (B)
	Q-91 Cancelled	Cancelled 9/25/2008
	Q-92 Cancelled	Cancelled 9/25/2008
	Q-93	12/22/17 (A)
	Q-94	12/22/17 (A)
	Q-95 Cancelled	Cancelled 9/25/2008
	Q-96	12/22/17 (A)
	Q-98 Cancelled	Cancelled 9/25/2008
	Q-99 Cancelled	9/25/2008
	Q-100 Cancelled	9/25/2008
	Q-101 Cancelled	Cancelled 9/25/2008
	Q-102	12/22/17 (A)
	Q-103	12/22/17 (A)

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	Q-104	6/5/2014
	Q-105	6/5/2014

**R – SECTIONS  
Paint, Lacquer, Varnish and  
Related Products**

	SECTION	REV. DATE
	R Contents	Removed
	R-1	11/21/17 (A)
	R-2	11/21/17 (A)
	R-4	11/21/17 (A)
	R-5	11/22/17 (A)
	R-6	11/22/17 (A)
	R-7	11/22/17 (A)
	R-8	11/28/17 (A)
	R-9	11/28/17 (A)
	R-17	11/28/17 (A)
	R-19	11/28/17 (A)
	R-26	11/28/17 (A)
	R-27	11/28/17 (A)
	R-28	11/28/17 (A)
	R-29	11/28/17 (A)
	R-30	11/28/17 (A)
	R-31	11/28/17 (A)
	R-32	11/28/17 (A)

**S – SECTIONS  
Solid Nonmetallic Tests**

	SECTION	REV. DATE
	S Contents	Removed
	S-1	12/15/17 (A)
	S-2	12/15/17 (A)
	S-3	12/18/17 (A)
	S-4	12/18/17 (A)
	S-5	12/18/17 (A)
	S-7	12/19/17 (A)
	S-8	12/20/17 (A)
	S-9	12/20/17 (A)
	S-11	12/20/17 (A)
	S-12	12/20/17 (A)
	S-14	12/20/17 (A)
	S-17	12/20/17 (A)
	S-18	12/21/17 (A)
	S-20	12/21/17 (A)
	S-21	12/29/17 (A)
	S-22	12/29/17 (A)
	S-23	12/29/17 (A)
*	S-24	02/07/18 (A)
*	S-25	02/07/18 (A)
*	S-26	02/07/18 (A)
*	S-27	02/07/18 (A)
	S-28 Cancelled	Cancelled 9/27/2011
*	S-29	02/07/18 (A)
*	S-31	02/07/18 (A)
*	S-33	02/07/18 (A)
*	S-34	02/07/18 (A)
*	S-38	02/07/18 (A)
*	S-39	02/07/18 (A)
*	S-40	02/07/18 (A)
*	S-41	02/08/18 (A)
*	S-42	02/08/18 (A)
*	S-43	02/08/18 (A)
*	S-44	02/08/18 (A)
*	S-45	02/08/18 (A)
*	S-46	02/12/18 (A)
*	S-47	02/12/18 (A)
*	S-48	02/12/18 (A)
*	S-49	02/13/18 (A)
*	S-50	02/13/18 (A)
*	S-51	02/13/18 (A)
*	S-52	02/13/18 (A)
*	S-54	02/13/18 (A)
*	S-55	02/13/18 (A)
*	S-56	02/14/18 (A)
*	S-58	02/14/18 (A)
*	S-59	02/14/18 (A)
*	S-64	02/14/18 (A)
*	S-67	02/14/18 (A)
*	S-68	02/14/18 (A)
	S-69	05/30/17 (A)
*	S-70	02/27/18 (A)
*	S-71	02/27/18 (A)
	S-72	01/11/2017 (B)

**MISCELLANEOUS  
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+ Added Since Previous Edition of 1/25/18

Revision Date 04/2018

Updated Quarterly - January, April, July, October

Updated Quarterly - See pg. 4 of SRL for MCL Manual Section Request Instructions

All requests for export MCL Manual Sections are to be forwarded to Procurement/Purchasing/Buyer

* S-73	02/27/18 (A)
S-74	01/11/2017 (B)
* S-75	02/27/18 (A)
* S-76	02/27/18 (A)
* S-77	02/27/18 (A)
* S-78	02/27/18 (A)
* S-79	02/27/18 (A)
* S-81	02/27/18 (A)
S-83	1/16/2015
* S-85	02/27/18 (A)
* S-86	02/28/18 (A)
* S-87	02/28/18 (A)
S-88	04/21/17 (A)
* S-89	02/28/18 (A)
* S-90	02/28/18 (A)
* S-93	02/28/18 (A)
* S-95	02/28/18 (A)
* S-97	02/28/18 (A)
* S-98	02/28/18 (A)
* S-99	02/28/18 (A)
* S-100	02/28/18 (A)
* S-101	03/07/18 (A)
* S-102	03/07/18 (A)
* S-103	03/07/18 (A)
* S-104	03/07/18 (A)
* S-106	03/07/18 (A)
* S-107	03/09/18 (A)
* S-108	03/09/18 (A)
* S-109	03/09/18 (A)
* S-110	03/09/18 (A)
* S-111	03/09/18 (A)
* S-112	03/09/18 (A)
* S-113	03/09/18 (A)
* S-114	03/09/18 (A)
* S-115	03/09/18 (A)
* S-116	03/09/18 (A)
* S-117	03/09/18 (A)
* S-118	03/12/18 (A)
* S-119	03/12/18 (A)
* S-120	03/12/18 (A)
* S-123	03/12/18 (A)
* S-124	03/12/18 (A)
* S-125	03/12/18 (A)
* S-126	03/12/18 (A)
* S-127	03/12/18 (A)
* S-128	03/12/18 (A)
* S-129	03/12/18 (A)
* S-130	03/12/18 (A)
* S-133	03/13/18 (A)
* S-134	03/13/18 (A)
* S-135	03/13/18 (A)
* S-136	03/13/18 (A)
* S-137	03/13/18 (A)
* S-138	03/13/18 (A)
* S-139	03/13/18 (A)
* S-140	03/13/18 (A)
* S-141	03/13/18 (A)
* S-142	03/13/18 (A)
* S-143	03/13/18 (A)
* S-144	03/13/18 (A)

**U – SECTIONS  
Contamination Tests**

SECTION	REV. DATE
U Contents	Removed
U-2	12/02/17 (A)
U-2 Supp A	12/02/17 (A)
U-5	12/02/17 (A)
U-6	12/13/17 (A)
U-7	12/02/17 (A)
U-10	12/02/17 (A)

**V – SECTIONS  
Metrology**

SECTION	REV. DATE
V Contents	Removed
V-0	8/5/2013
V-0 Supp A	8/5/2013
V-0 Supp B	8/5/2013
V-0 Supp C	8/6/2013

**MISCELLANEOUS**  
**MCL MANUAL SECTIONS**



\* Revised Since Previous Edition of 1/25/18

+ Added Since Previous Edition of 1/25/18

Revision Date 04/2018

Updated Quarterly - January, April, July, October

Updated Quarterly - See pg. 4 of SRL for MCL Manual Section Request Instructions

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	V-0 Supp D Cancelled	Cancelled 1/18/2010
	V-0 Supp E	8/6/2013
	V-0 Supp F	8/6/2013
	V-0 Supp G Cancelled	Cancelled 10/28/2009
	V-0 Supp I	8/6/2013
	V-3	3/21/2012
	V-4	3/21/2012
	V-5	3/23/2012
	V-6	3/23/2012
	V-7	3/23/2012
	V-8	3/23/2012
	V-14 Cancelled	Cancelled 11/19/2009
	V-15	3/20/2012
	V-16	3/20/2012
	V-17 Cancelled	Cancelled 11/19/2009
	V-18	3/20/2012
	V-19 Cancelled	Cancelled 11/19/2009
	V-19 Supp A Cancelled	Cancelled 11/17/2009
	V-19 Supp B Cancelled	Cancelled 11/17/2009
	V-19 Supp C Cancelled	Cancelled 11/17/2009
	V-19 Supp D Cancelled	Cancelled 11/17/2009
	V-20 Cancelled	Cancelled 11/17/2009
	V-21 Cancelled	Cancelled 12/3/2009
	V-22	3/20/2012
	V-23 Cancelled	Cancelled 11/19/2009
	V-24	3/20/2012
	V-26	3/20/2012
	V-27	12/14/2011
	V-28 Cancelled	Cancelled 11/19/2009
	V-29 Cancelled	Cancelled 12/3/2009
	V-30	3/21/2012
	V-31	3/21/2012
	V-34	3/21/2012
	V-35	9/30/2011
	V-36 Cancelled	Cancelled 11/19/2009
	V-37	3/21/2012
	V-38	3/21/2012
	V-39	3/21/2012
	V-40	3/23/2012
	V-41 Cancelled	Cancelled 12/3/2009
	V-42 Cancelled	Removed
	V-44 Cancelled	Cancelled 12/3/2009
	V-49	3/23/2012
	V-50	9/19/2011
	V-52 Cancelled	Cancelled 12/3/2009
	V-53	3/23/2012
	V-55 Cancelled	Cancelled 11/20/2009
	V-57	3/23/2012
	V-58	3/23/2012
	V-59 Cancelled	Cancelled 12/3/2009
	V-60 Cancelled	Cancelled 12/3/2009
	V-61 Cancelled	Cancelled 11/17/2009
	V-62 Cancelled	Cancelled 11/20/2009
	V-65 Cancelled	Cancelled 1/18/2010
	V-66	3/23/2012
	V-68	3/23/2012
	V-69	3/23/2012
	V-71	3/23/2012
	V-74 Cancelled	Cancelled 11/20/2009
	* V-75	02/27/18 (A)
	V-76 Cancelled	Cancelled 1/7/2010
	V-77 Cancelled	Cancelled 1/18/2010
	V-78 Cancelled	Cancelled 1/7/2010
	V-79 Cancelled	Cancelled 1/14/2010
	V-84 Cancelled	Cancelled 1/15/2010
	* V-86	03/08/18 (A)
	V-89 Cancelled	Removed
	V-90 Cancelled	Cancelled 1/7/2010
	V-91 Cancelled	Removed
	V-92 Cancelled	Removed
	V-93 Cancelled	Removed
	V-94 Cancelled	Removed
	V-95 Cancelled	Removed
	V-96 Cancelled	Removed
	V-97 Cancelled	Removed
	V-98 Cancelled	Removed
	V-99 Cancelled	Removed
	* V-100	03/14/18 (A)
	V-101 Cancelled	Removed
	V-102 Cancelled	Removed
	V-103 Cancelled	Cancelled 1/13/2010
	V-104 Cancelled	Cancelled 1/14/2010
	V-105 Cancelled	Cancelled 1/7/2010
	V-106 Cancelled	Removed

**MISCELLANEOUS  
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\* Revised Since Previous Edition of 1/25/18

+ Added Since Previous Edition of 1/25/18

Revision Date 04/2018

Updated Quarterly - January, April, July, October

Updated Quarterly - See pg. 4 of SRL for MCL Manual Section Request Instructions

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	V-108 Cancelled	Cancelled 1/13/2010
	V-109 Cancelled	Removed
	V-110	3/19/2012
	V-111 Cancelled	Removed
	V-112 Cancelled	Removed
	V-115	6/22/2011
	V-116	08/29/17 (A)
	V-117	4/6/2011
	V-119 Cancelled	Removed
	V-120 Cancelled	Removed
	V-121 Cancelled	Removed
	V-122 Cancelled	Removed
	V-123 Cancelled	Removed
	V-125 Cancelled	Removed
	V-130 Cancelled	Removed
	V-131 Cancelled	Removed
	V-137	12/27/17 (A)
	V-138 Cancelled	Cancelled 1/5/2010
	V-139 Cancelled	cancelled 11/20/2009
	V-140	3/19/2012
	V-141 Cancelled	Cancelled 11/20/2009
	V-142	3/19/2012
	V-143	3/19/2012
	V-144	3/19/2012
	V-145	09/15/17 (A)
	V-146	6/14/2011
	V-146 Supp A	4/6/2011
	V-146 Supp B	3/4/2013
	V-148	3/19/2012
	V-149 Cancelled	Cancelled 1/14/2010
	V-150	12/14/17 (A)
	V-151	9/15/2011
	V-152	1/30/2012
	* V-153	03/20/18 (A)
	V-154	10/8/2015
	V-155	8/15/2017
	V-11202	1/29/2016
	V-11446	12/14/17 (A)
	V-11447	5/6/2016
	* V-11466	01/11/18 (A)
	V-20201	12/2/2013
	* V-20503	02/27/18 (A)
	V-30672	3/27/2012
	V-30673	3/27/2012
	V-32106	4/17/2013
	V-32108	4/17/2013
	V-37103	8/23/2011
	V-37104	8/23/2011
	V-40305	1/27/2012
	V-40307	5/8/2012

**X - SECTIONS**

**Q&SL Core Nondestructive Test (NDT)  
Operating Procedure**

SECTION	REV. DATE
X Contents	Removed
X-Master	12/11/17 (B)
X-2	12/11/17 (B)
X-3	03/06/2017 (F)
X-4	12/13/17 (A)
X-5	8/30/2013
X-7	12/12/17 (A)
X-8	12/12/17 (A)
X-9	12/04/17 (A)
X-10 Cancelled	Cancelled 1/24/2007
X-11	07/19/17 (C)
X-12	09/12/17 (D)
X-13 Cancelled	Never Issued
* X-15	02/13/18 (C)
* X-15 App A	02/27/18 (E)
X-16	12/04/17 (A)
X-17	08/09/17 (A)
X-18	5/21/2014
* X-19	02/08/18 (F)
* X-20	02/08/18 (B)
X-21 Cancelled	Cancelled 4/12/2002
X-22	11/28/16 (C)
X-23	08/08/17 (E)
X-24	08/07/17 (C)
X-25	11/28/16 (B)
X-26	8/30/2013

**MISCELLANEOUS  
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\* Revised Since Previous Edition of 1/25/18

+ Added Since Previous Edition of 1/25/18

Revision Date 04/2018

Updated Quarterly - January, April, July, October

Updated Quarterly - See pg. 4 of SRL for MCL Manual Section Request Instructions

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	X-28	12/5/2017
	X-27	3/26/2017
	X-31	8/30/2013
*	X-32 Cancelled	Cancelled 02/02/18 (A)
*	X-32 App A Cancelled	Cancelled 02/02/18 (A)
*	X-32 App B Cancelled	Cancelled 02/02/18 (A)
*	X-32 App C Cancelled	Cancelled 02/02/18 (A)
*	X-32 App D Cancelled	Cancelled 02/02/18 (A)
	X-33C	05/09/16 (C)
	X-41 Cancelled	Cancelled 8/9/2010
	X-51	10/20/17 (C)
	X-52	11/14/2013
	X-53	11/14/2013
	X-61	11/14/2013
	X-62	11/14/2013
	X-63	11/14/2013
	X-70	8/30/2013
	X-81	8/29/2013
	X-101	02/03/2017 (A)
	X-101 App A Cancelled	Cancelled 02/01/2017
	X-101 App B Cancelled	Cancelled 02/01/2017
*	X-102	02/01/18 (A)
	X-103	Cancelled: 11/06/17 (A)
*	X-104	02/02/18 (A)
*	X-105	02/02/18 (A)
*	X-106	02/02/18 (A)
*	X-107	02/02/18 (A)
	X-108 Cancelled	Cancelled 7/05

**PWI – SECTIONS  
Pratt & Whitney Industrial**

	PWI-02	9/11/2015
	PWI-02-1	2/23/2016
	PWI-02-3-1	3/2/2016
	PWI-02-3-2	3/1/2016
	PWI-02-3-3	3/2/2016
	PWI-02-10-1	3/7/2016
	PWI-02-10-03	3/2/2016



\* Revised Since Previous Edition of 1/25/18

+ Added Since Previous Edition of 1/25/18

Revision Date 04/2018

Updated Quarterly - January, April, July, October

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**PWA Method, Qualification, and Quality Assurance Specifications**

\* Revised Since Previous Edition of 1/25/18  
 + Added Since Previous Edition of 1/25/18  
 Revision Date 04/2018



Updated Quarterly - January, April, July, October

Aerospace Supplier Quality Requirements				
Document Number	Revision/Revision Date	Document Number	Revision/Revision Date	
ASQR-01	Rev. 10 - 11/01/16	ASQR-15.1	Rev. 2 - 02/15/11	
ASQR-02	Rev. 2 - 11/29/17	ASQR-20.1	Rev. 5 - 07/10/12	
ASQR-07.5	Rev.1 - 12/17/13	UTCQR-06.1	Rev. 1 Cancelled	
ASQR-09.1	Rev. 6 - 01/12/11	UTCQR-06.3	Rev. 0 Cancelled	
ASQR-09.2	Rev. 1 - 05/25/16	UTCQR-09.1	Rev. 5 10/01/16	

Qualification				
	ASQ 3/2/17		ATTQ-E	
BOIQ-C	BSQ 9/15/17		ECQ-E	
EIQ-F	FPQ-H		GRQ-C	
HIQ-A	MPQ-G		MSTQ-C	
NDTQ-(T) 6/21/17	SIQ-F		SOIQ-B	
XRCQ-A	XRQ-E		XRWQ-B	

**Quality Assurance**

Document Number	Revision/Revision Date	Document Number	Revision/Revision Date
PW-QA 6071	Rev. 18 - 11/20/13	SEE 200	Rev. M - 10/19/2017
PW-QA 6072	Rev. 5 - 07/27/16	PW-QA 6100	Initial Issue - 03/26/14
PW-QA 6078	Rev. 31 - 09/13/17	PW-QA 6101	Rev. 1 - 03/07/17
PW-QA 6088	Rev. 29 - 11/14/17	PW-QA 6101 Att. 1	Rev. 1 - 06/17/16
PW-QA 6090	Initial Issue - 01/09/15	PW-QA 6102	Initial Issue - 02/12/16
PW-QA 6095	Rev. 1 04/07/17	PW-QA 6103	Initial Issue - 02/02/16
* PW-QA 6096	Rev. 10 - 03/13/18		

**Methods - See MCL NDT Appendix & Sections**

\* Revised Since Previous Edition of 1/25/18  
 + Added Since Previous Edition of 1/25/18  
 Revision Date 04/2018



Updated Quarterly - January, April, July, October  
 This document contains no technical data subject to the EAR or the ITAR.

**Industrial Supplier Quality Requirements (ISQR) & (PWI)**

	<b>Document Number</b>	<b>Revision</b>	<b>Title</b>
	ISQR-01	6	Industrial Supplier Quality
	ISQR -02	5	Cert Testing Control of Materials Parts Process
	ISQR-02-1	2	Controls & Test Frequencies for Metal Removal by EDM, ECM. LBMR
	ISQR-02-2	2	Controls & Test Frequencies for Rotor Forgings & Rolled ring
	ISQR -02-3	Initial	Controls & Test Frequency for Airfoil Castings
	ISQR -02-3-1	2	Microstructure Standard 1 Hot Isostatically Pressed (HIP'd) Airfoil Castings
	ISQR -02-3-2	2	Microstructure Standard 2 PWPS 2005 Aifoil Castings
	ISQR -02-3-3	2	Microstructure Standard 3 PWPS 2007 Aifoil Castings
	ISQR -02 -4	Initial	Controls/Test Frequency for Structural Castings
	ISQR -02 -5	Initial	Controls/Test Frequencies Airfoil Forgings
	ISQR-02-6	Initial	Controls/Test Frequencies Non-Rotor Forgings, Rolled rings Contour Stock
	ISQR-02-7	Initial	Controls/Test Frequencies Chemical/Metallurgical Processing
	ISQR-02-8	1	Controls/Test Frequencies Chemical/Electrochemical Metal Finishing
	ISQR-02-9	Initial	Controls/Test Frequencies Chemical/Electrochemical Metal Finishing
	ISQR-02-10	Initial	Controls/Test Frequencies Thermal Coatings
	ISQR-02-10-01	2	PWPS 2001 Plasma & HVOF Deposition 3 Layer Coating
	ISQR-02-10-02	Initial	PWPS 2002 Diffused Aluminide Slurry Coating
	ISQR-02-10-03	2	PWPS 2012 Plasma 2 Layer Coating Accept Standard 3



**Industrial Supplier Quality Requirements (ISQR) & (PWI)**

	<b>Document Number</b>	<b>Revision</b>	<b>Title</b>
	ISQR-02-10-04	Initial	PWPS 2013 Plasma Coating Accept Standard 4
	ISQR-02-10-05	Initial	PWPS 2014 Plasma 2 Layer Coating Stand 5
	ISQR-02-10-06	Initial	PWPS 2015 Plasma 1 or 2 Layer Coating Stand 6
	ISQR-02-10-07	Initial	PWPS 2016 Plasma 2 Layer Coating Stand 7
	ISQR-02-10-08	Initial	PWPS 2017 Plasma 2 Layer Coating Acceptance Standard 8
	ISQR-02-10-10	Initial	PWPS 2023 Vapor Deposition Pack Coating Acceptance Standard 10
	ISQR-03	3	Supplier Sampling Requirements
	ISQR-04	2	UPPAP
	ISQR-05	Initial	Handling, Storage, Packaging, Preservation & Delivery
	ISQR-06 App A	Initial	Control of Nonconforming Articles by Supplier <b>(MHI-PW Power Systems use only)</b>
	ISQR-06	1	Control of Nonconforming Articles by Supplier
	ISQR-07	1	Quality Control Requirements for Castings Produced by Suppliers
	ISQR-08	3	Industrial Control of Special Identification & Serialization
	ISQR-08.1	1	Heat Code Suffix Supplier Identification Listing
	PWI-02	Initial	Cert Testing Control of Materials Parts Process
	PWI-03	Initial	Supplier Sampling Requirements
	PWI-04	Initial	P&W Production Part Approval Process (UPPAP) for Industrial Engines
	PWI-07-Q	Initial	Quality Control Requirements for Castings Produced by Suppliers
	PWI-08-Q	Initial	Industrial Control of Special Identification & Serialization

## Industrial Supplier Quality Requirements (ISQR) & (PWI)

	Document Number	Revision	Title
	PWI-08-Q Appendix 1	2	Heat Code Suffix Supplier Identification Listing

\* Revised Since Previous Edition of 1/25/18

+ Added Since Previous Edition of 1/25/18

Revision Date 04/2018

Updated Quarterly - January, April, July, October

This document contains no technical data subject to the EAR or the ITAR.



**MTU Specifications (Motoren-und Turbinen-Union)**

(MTU REVISIONS ARE BASED BY DATE)

\* Revised Since Previous Edition of 1/25/18

+ Added Since Previous Edition of 1/25/18

Revision Date 04/2018

Updated Quarterly - January, April, July, October

**Definitions:**  
 "BEIBLATT" - is a supplement or attachment  
 "TEIL" - is a subsection. When a TEIL is updated "TEIL 1" is replaced with "-1"

**SOURCE FOR "DIN" or GLOBAL INDUSTRY STDS SPECIFICATIONS CONTACT:**  
 GLOBAL ENGINEERING DOCUMENTS  
 1990M STREET  
 N.W. SUITE 400  
 WASHINGTON, DC 20036  
 PHONE: 1-800-854-7179

	MISCELLANEOUS	REVISION DATE
	ANNEX A REVISED SUPERSEDES 11/09 ISSUE	05/2010
	ANNEX A-PL-V2500 (NEW)	11/2015
	ANNEX A-MUC REVISED SUPERSEDES 6/16 ISSUE	03/2017
	ANNEX A1-MUC SUPERSEDES 03/16 ISSUE	06/2016
	APM1-1 REVISED SUPERSEDES 06-13 ISSUE	07/2016
	APM1-1 BEIBLATT 1	04/2002
	APM1 BEIBLATT 2	06/2001
	APM1-2 REVISED SUPERSEDES 10-15 ISSUE	07/2016
	APM1-4 REVISED SUPERSEDES 02-11 ISSUE	07/2016
	APM1-5 REVISED SUPERSEDES 06-12 ISSUE	07/2016

	MTC - CHEMICAL SOLUTIONS	REVISION DATE
	MTC5	02/1985
	MTC8	08/1987
	MTC111	11/2004
	MTC127	05/1985
	+ MTC151 REVISED 2018-02 SUPERSEDES 1989-01 ISSUE	02/2018
	MTC149 REVISED SUPERSEDES 05-09 ISSUE	06/2017
	* MTC155 REVISED 01-18 SUPERSEDES 2011-11 ISSUE	11/2011
	MTC175	11/2009
	MTC217	03/1992
	MTC219	04/2001
	MTC231	09/1984
	MTC233	11/1999
	MTC235 07-16 REVISED SUPERSEDES 11-10 ISSUE	07/2016
	MTC261	03/1983
	MTC263	06/2003
	MTC281	03/1983
	MTC284	01/2004
	MTC315	02/1994

MTC316	02/1994
MTC461	11/1999
MTC475	12/1989
MTC610 NEW	11/2016
+ MTC611 REVISED SUPERSEDES 1995-02 ISSUE	02/2018
+ MTC655 NEW	01/2018
MTC718 SUPERSEDES 03-05 ISSUE	06/2005

MTG - HARARDOUS MATERIALS DATA SHEET		REVISION DATE
MTG1313		12/1981
MTG1315		12/1981

MTH - AUXILIARY MATERIALS		REVISION DATE
MTH108		12/2007
MTH109		12/2004
MTH110		02/2001
MTH133 06-16 REVISED SUPERSEDES 07-03 ISSUE		06/2016
MTH168		08/1985
MTH169		09/1994
MTH181		05/2001
MTH190		06/2003
MTH219		04/2001
MTH220		02/2009
MTH236		05/1994
MTH239		12/2006
MTH250 SUPERSEDES 09-10 ISSUE		08/2014
MTH251		10/2000
MTH252 SUPERSEDES 12-06 ISSUE		01/2009
MTH311 SUPERSEDES 04-05 ISSUE		02/2016
MTH312 SUPERSEDES 09-11 ISSUE		07/2017
MTH313 SUPERSEDES 04-05 ISSUED		02/2016
MTH333 REVISED SUPERSEDES 06-94 ISSUE		07/2017
MTH336		07/2007
MTH346		10/2000
MTH370		11/2001
MTH451 SUPERSEDES 2012-03 ISSUE		12/2017
MTH452 REVISED SUPERSEDES 01-12 ISSUE		07/2017
MTH497 INACTIVE FOR NEW DESIGN		01/2016
MTH499		11/2003
MTH505 INACTIVE FOR NEW DESIGN		09/2009
MTH511		12/2006
MTH522 SUPERSEDES 10/09 ISSUE		03/2015
MTH525		09/2001
MTH590 SUPERSEDES 07-03 ISSUE		07/2013
MTH593 SUPERSEDES 05-00 ISSUE		07/2013
MTH627		09/1995
MTH628		12/2004
MTH631		09/2009
MTH655		12/2004
MTH697 SUPERSEDES 05-10 ISSUE		03/2013
MTH703		12/2004
MTH712		04/2003
MTH788 SUPERSEDES 10-09 ISSUE		11/2015

MTL - PROCUREMENT		REVISION DATE
MTL101 REVISED SUPERSEDES 10-11 ISSUE		11/2016
AMENDMENT		05/2004
MTL109		05/1980
MTL113		12/2004
MTL115 SUPERSEDED BY MTL115-1, -2, -3		02/2005
MTL115-1		12/1999
MTL115-2		12/1999
MTL116		04/2008
MTL118		02/1982
MTL118-1		09/1996
MTL118-2		09/1996
MTL118-3		10/2004
MTL119 REVISED		10/2014
MTL119 BEIBLATT 1		04/2002
MTL120		04/2005
MTL120-1 SUPERSEDES 06-13 ISSUE		09/2017
MTL120-2 SUPERSEDES 09-11 ISSUE		05/2016
MTL120-3		09/2008
MTL120-3 AMENDMENT SUPERSEDES 03/10 ISSUE		06/2013
MTL122		11/1981
MTL122-1		02/1997
MTL122-2		02/1997
MTL122-3 AMND		11/2004
MTL124		05/1990
MTL125		09/1991
MTL125 TEIL 1		11/1995
MTL125 TEIL 2		11/1995
MTL125 TEIL 3		11/1995
MTL126		07/1987
MTL128		07/1992
MTL129		05/2006
MTL133		07/2003
MTL138 TEIL 1		08/1994
MTL138 TEIL 2		08/1994
MTL138 TEIL 3		08/1994

MTL138 TEIL 4	08/1994
MTL138 TEIL 5	08/1994
MTL142	12/2007
MTL144-1 SUPERSEDES 09-08 ISSUE	06/2013
MTL144-2 SUPERSEDES 09-08 ISSUE	04/2012
MTL144-3 SUPERSEDES 04-14 ISSUE	07/2015
MTL145 TEIL 1	12/1995
MTL145 TEIL 2	12/1995
MTL145 TEIL 3	12/1995
MTL145 TEIL 4	12/1995
* MTL156 REVISED 2017-04 SUPERSEDES 2006-07 ISSUE	04/2017
* MTL156-1 REVISED 05-17 SUPERSEDED BY MTL156, 2006-07 ISSUE	05/2017
* MTL156-2 REVISED 2017-05 SUPERSEDED BY MTL156 2006-07 ISSUE	05/2017
* MTL156-3 REVISED 2018-02 SUPERSEDED BY MTL156 2006-07 ISSUE	02/2018
MTL161-3 REVISED	04/2013
MTL166-1 SUPERSEDES 10-15 ISSUE	03/2017
MTL 166-3 REVISED SUPERSEDES 02-15 ISSUE	05/2017

MTN - FUNDAMENTAL STANDARD	REVISION DATE
MTN3	11/1990
MTN57 TEIL 1	03/1994
MTN57 TEIL 2	03/1994
MTN68	03/1986
MTN70	06/2009
MTN71 NEW	06/2010
MTN75	11/1987
MTN78 REVISED	04/2009
MTN93 REVISED SUPERSEDES 11-14 ISSUE	11/2014
MTN106 REVISED SUPERSEDES 02-98 ISSUE	12/2016
MTN110	03/1995
MTN115	01/2009
MTN120	02/1994
MTN122 REVISED SUPERSEDES 01-09 ISSUE	06/2010
MTN123	01/2009
MTN124	01/2009
MTN129 REVISED SUPERSEDES 03-0 ISSUE	09/2016
MTN178-8	03/1997
MTN180	04/1985
MTN199	10/1984
MTN1000	04/1992
MTN1079-1 WITHDRAWN - NO REPLACEMENT	11/2005
MTN1208	11/2005
* MTN1213 REVISED 01-18 SUPERSEDES 2015-06 ISSUE	01/2018
MTN10531-1	02/1997
MTN10534	07/2003
	09/2017
MTN94111 SUPERSEDES 2017-02 ISSUE	
MTN94111 BEIBLATT 1 SUPERSEDES 08-12 ISSUE	07/2014
MTN94111 BEIBLATT 2 SUPERSEDED BY MTN94111 BEIBLATT 6	09/2008
MTN94111 BEIBLATT 3	03/2008
MTN94111 BEIBLATT 4	03/2012
MTN94111 BEIBLATT 6 SUPERSEDES 11-12 ISSUE	10/2015
MTN94111 BEIBLATT 7	03/2000
MTN94111 BEIBLATT 11 SUPERSEDES 02-12 ISSUE	02/2016
MTN94111 BEIBLATT 12 SUPERSEDES 02-06 ISSUE	04/2012
MTN94111 BLATT 14 06-17 ISSUED 02-10 SUPERSEDED BY MTN 3 BEIBLATT 3	06/2017
MTN94111 BLATT 15 SUPERSEDES 04-17 REVISED SUPERSEDES 11-15 ISSUE	04/2017
MTN94111 BIEBLATT 17 NEW	11/2013
MTN94112	03/1999

MTP - INSPECTION	REVISION DATE
MTP2	02/2000
MTP2 BEIBLATT 1	02/2000
MTP3	08/1993
MTP3 SUPL 1	11/1980
MTP13-8 REVISED SUPERSEDES 11-09 ISSUE	07/2011
MTP11	06/2005
MTP11 BEIBLATT 1 SUPERSEDED BY MTP11	09/2005
MTP12 SUPERSEDED BY MTP288-1 & -2	11/2006
MTP13-1 SUPERSEDES 09-94 ISSUE	05/2006
MTP13-2	09/2008
MTP13-5 BLATT 1 01-00 SUPERSEDED BY MTP13-5	01/2000
MTP13 BEIBLATT 1	01/2000
MTP13 BEIBLATT 2 TEIL 5	02/1993
MTP20	12/2002
MTP20 BEIBLATT 1	11/2009
MTP21 SUPERSEDES 09-09 ISSUE	09/2013
MTP21 BEIBLATT 1	08/2008
MTP21 BEIBLATT 2	08/2008
MTP21 BEIBLATT 3	11/1987
MTP23	04/2008
MTP24	06/1990
MTP25	06/1981

MTP26	10/1991
MTP27	03/1981
MTP28	09/1982
MTP29	09/1984
MTP30	08/1981
MTP31	09/1981
MTP32	10/1986
MTP32 BEIBLATT 1	07/1983
MTP34	06/1995
MTP34 TEIL 1 SUPERSEDES 04-91 ISSUE	01/2015
MTP34 TEIL 2 SUPERSEDES 04-91 ISSUE	01/2015
MTP34- 3 SUPERSEDES 06-01 ISSUE	01/2015
MTP34 BEIBLATT 1 TEIL 3	06/1994
MTP34-4 SUPERSEDES 09-02 ISSUE	01/2015
MTP35	11/1981
MTP37	11/1981
MTP40	07/2002
MTP41	12/1981
MTP42	12/2002
MTP44 SUPERSEDES 12-08 ISSUE	03/2013
MTP44 BEIBLATT 1	03/1991
MTP48 WITHDRAWAL NOTIFICATION	02/1995
MTP49	12/1981
MTP50	09/2001
MTP50-1	09/2001
MTP50-2	09/2001
MTP50-3	09/2001
MTP54	12/2002
MTP55	12/2002
MTP56	12/2006
MTP57	09/1987
MTP57 BEIBLATT 1-4	09/1987
MTP58 BEIBLATT 1-4	06/1988
MTP59	01/1984
MTP67	07/2008
MTP67 BEIBLATT 1	07/2008
MTP73	10/2007
MTP78 REVISED 06-16 SUPERSEDES 07-13 ISSUE	06/2016
MTP86-1	02/2008
MTP86-3	07/2005
MTP86-4	02/2008
MTP86-6	02/2008
MTP89PR	09/1984
MTP98-1 SUPERSEDES 05-10 ISSUE	03/2016
MTP98 TEIL 2 SUPERSEDES 12-86 ISSUE	12/2003
MTP98-3 REVUSED SUPERSEDES 02-16 ISSUE	07/2017
MTP98-4	12/2011
MTP100	05/1991
MTP101	07/1995
MPT107 TEIL 6	04/1991
MTP114-11 New	05/2014
MTP114-15 New	12/2016
MTP115-1 REVISED SUPERSEDES 02/01 ISSUE	01/2017
MTP115-146 NEW	06/2016
MTP115-1059 NEW	10/2017
MTP118 TEIL 1	06/1992
MTP118-1 BEIBLATT 1	10/2008
MTP118-4 SUPERSEDES 12-11 ISSUE	11/2013
MTP119	08/1988
MTP132	02/1997
MTP132 BEIBLATT 1	05/1989
MTP134	09/1989
MTP136	02/2009
MTP136-1 SUPERSEDED BY MTP136	02/2009
MTP139-1	07/2008
MTP139-TEIL 2	06/1992
MTP140	04/1996
MTP146	12/2008
MTP148 TEIL 1	04/1992
MTP148 BLTA 1 TEIL 1	04/1992
MTP149 SUPERSEDED BY MTP139T1	
MTP152	03/1992
MTP152 BEIBLATT 1	03/1992
MTP161	02/2006
MTP161 BEIBLATT 1	02/2006
MTP166	11/2001
MTP168	07/2002
MTP169	04/1996
MTP170	10/1994
MTP171	03/1996
MTP172	09/2008
MTP173	06/1992
MTP181	09/1995
MTP183	06/1996
MTP186	06/1996
MTV187 REVISED SUPERSEDES 10-15 ISSUE	06/2017
MTP191	03/1996
MTP197	01/1997
MTP198 SUPERSEDED BY MTP198-1 & -2	05/2006
MTP198-1	05/2006
MTP198-2	12/2006
MTP199	10/2003
MTP206 SUPERSEDED BY MTP206-1, -03, -04	12/2006

MTP206-1 SUPERSEDES 11-13 ISSUE	08/2017
MTP206-2 SUPERSEDES 05-14 ISSUE	09/2017
MTP206-3	12/2011
MTP206-4 SUPERSEDES 03/12 ISSUE	05/2015
MTP208 REVISED SUPERSEDES 04/05 ISSUE	12/2013
MTP208 BEIBLATT 1	03/2004
MTP219 REVISED SUPERSEDES 04-01 ISSUE	12/2016
MTP228-1 SUPERSEDES 05-08 ISSUE	10/2015
MTP228-2	11/2006
MTP228-3	11/2006
MTP237	04/2008
MTP242	07/2003
+ MTP245 REVISED 12-11 SUPERSEDES 2008-05 ISSUE	12/2011
MTP246-1	05/2008
MTP252	12/2003
MTP264 New	08/2014
MTP288-1	11/2006
MTP288-2	11/2006
MTP10005	11/1980
MTP10006	11/1980
MTP10007	10/1980
MTP10008	10/1980
MTP10009	10/1980
MTP10010	10/1980
MTP10011	10/1980
MTP10012	10/1980
MTP10013	10/1980
MTP10014	10/1980
MTP10055	11/1981
MTP10056	11/1981
MTP10057	11/1981
MTP10058	11/1981
MTP10059	11/1981
MTP10060	11/1981
MTP10062	11/1981
MTP10063	04/1981
MTP10068	06/1983
MTP10069	07/1983
MTP10070	07/1983
MTP10071	07/1983
MTP10072	11/1988
MTP10073	07/1983
MTP10074	09/1981
MTP10075	09/1981
MTP10076	09/1981
MTP10077	09/1981
MTP10078	09/1981
MTP10079	09/1981
MTP10080	10/1982
MTP10082	10/1982
MTP10083	10/1982
MTP10084	10/1982
MTP10085	11/1981
MTP10086	04/1981
MTP10088	10/1989
MTP10089	06/1984
MTP10098	06/1983
MTP10099	06/1983
MTP10100	06/1983
MTP10101	06/1983
MTP10102	11/1981
MTP10109	11/1981
MTP10111	11/1981
MTP10157	07/1996
MTP10158	08/1982
MTP10159	08/1982
MTP10160	08/1982
MTP10161	08/1982
MTP10162	01/1985
MTP10164	01/1985
MTP10166	01/1985
MTP10460PR	07/1983
MTP10463	08/1983
MTP10644	01/1985
MTP10645	09/1991
MTP10756	12/1992
MTP10800	02/1987
MTP10811	09/2006
MTP10822	05/1988
MTP10905	07/1989
MTP10906	01/1989
MTP10907	01/1989
MTP11128	03/1994
MTP11139	12/1988
MTP11224	10/1990
MTP11226	05/2003
MTP11227	06/2003
MTP11228	04/2003
MTP11236	09/2002
MTP11239	08/2002
MTP11329	12/1996
MTP11330	05/1991
MTP11332	10/1991

MTP11335	01/1996
MTP11353	08/1992
MTP11365	07/1994
MTP11367	09/1993
MTP11368	11/1992
MTP11369	07/1994
MTP11370	07/1994
MTP11371	07/1994
MTP11372	11/1992
MTP11373	06/1996
MTP11382	10/1991
MTP11388	07/1991
MTP11391	07/1991
MTP11400	09/1994
MTP11426	08/1997
MTP11434	01/1994
MTP11435	05/1992
MTP11436	04/1993
MTP11470	01/1994
MTP11472	04/1995
MTP11473	03/1996
MTP11474 SUPERSEDES 07-14 ISSUE	02/2015
MTP11475	03/2007
MTP11482	04/2007
MTP11488	08/1993
MTP11489	11/2006
MTP11491	05/1996
MTP11492	05/1996
MTP11493	04/1994
MTP11494	02/1994
MTP11530	08/1993
MTP11540	05/1994
MTP11558	12/1996
MTP11562	04/1994
MTP11563	04/1994
MTP115-64 NEW	06/2016
MTP11578	03/2009
MTP11586	11/2008
MTP11588	10/2009
MTP11624	02/1995
MTP11625 SUPERSEDES 07/2002 ISSUE	04/2009
MTP11631	11/2001
MTP11632	07/2002
MTP11638	03/1995
MTP11642	04/2001
MTP11643	08/2209
MTP11644	03/2004
MTP11654	03/1995
MTP11656	02/1995
MTP11657	02/1995
MTP11659	01/1995
MTP11664	01/1995
MTP11665	01/1995
MTP11666	10/1997
MTP11670	08/1995
MTP11695	10/2007
MTP11724	04/1996
MTP11727	03/2006
MTP11729	02/1996
MTP11733	10/1996
MTP11735	08/1996
MTP11736	07/1997
MTP11746	10/2003
MTP11751	10/1996
MTP11755	03/1997
MTP11765	04/2006
MTP11766	04/2006
MTP11768	11/1997
MTP11784	10/1997
MTP11787	03/1998
MTP11831	04/2001
MTP11835	03/2005
MTP11838	08/2004
MTP11849	09/2003
MTP11877	10/2007
MTP11965	04/2001
MTP11978	04/2001
MTP12102	09/2006
MTP12179	02/2004
MTP12180	01/2007
MTP12181	09/2003
MTP12185	07/2004
MTP12186	10/2006
MTP12207	08/2003
MTP12237	08/2008
MTP12238	08/2008
MTP12239	07/2009
MTP12306	05/2005
MTP12339	10/2004
MTP12346	07/2005
MTP12347	07/2005
MTP12348	07/2005
MTP12440	08/2007



MTP12595 INACTIVE FOR NEW DESIGN	01/2017
* MTP12676 REVISED 2018-01, SUPERSEDES 2014-05 ISSUE	01/2018

MTQ - QUALITY ASSURANCE STANDARDS	REVISION DATE
MTQ1-1 SUPERSEDED BY MTT130	01/2002
MTQ1-2	11/1995
MTQ1-3 SUPERSEDED BY MTT130	01/2002
MTQ1 TEIL 4	10/1989
MTQ2 BEIBLATT 2 TEIL 1 CANCELLED	02/1985
MTQ2-1 SUPERSEDED BY MTT2-1	12/2007
MTQ2-1 BEIBLATT 1 SUPERSEDED BY MTT2-1BEIBLATT I	12/2007
MTQ2-2 SUPERSEDED BY MTT2-2	04/2009
MTQ2-2 BEIBLATT 1 SUPERSEDED BY MTT2-2 BEIBLATT 1	07/2009
MTQ2-2 BEIBLATT 2 TEIL 1	02/1985
MTQ2-3	02/2004
MTQ2 TEIL 4	11/1992
MTQ2 TEIL 5	04/1992
MTQ2-6	04/2004
MTQ2-7	03/1996
MTQ2 TEIL 8	02/1993
MTQ3	10/1985
MTQ5	11/1997
MTQ5 BEIBLATT 1 SUPERSEDED BY MTT305-3	09/2005
MTQ5 BEIBLATT 2	03/1999
MTQ6 CANCELLED	08/1987
MTQ6-1 SUPERSEDED BY MTT306-2 & -4	10/2006
MTQ6 TEIL 2	11/1992
MTQ7	05/1997
MTQ8 CANCELLED	06/1981
MTQ8 SUPP 1 CANCELLED	06/1981
MTQ8-1	11/1996
MTQ8-1 BEIBLATT 1	02/1996
MTQ8 TEIL 2	07/1991
MTQ9	10/1996
MTQ15	04/1990
MTQ16	11/1989
MTQ25 CANCELLED	05/1980
MTQ26	12/1995
MTQ27	02/2004
MTQ28	02/1994
MTQ28 BEIBLATT 1	11/1999
MTQ28 BEIBLATT 2	11/1999
MTQ29	01/2003
MTQ30	02/2001
MTQ31	04/1986
MTQ32	08/1985
MTQ34	07/1981
MTQ34 BEIBLATT 1	12/1986
MTQ36-1	08/1979
MTQ36-2	05/1990
MTQ36-4 SUPERSEDED BY MTT306-2	10/2006
WITHDRAWN	01/2006
MTQ36-5 WITHDRAWN	10/1979
MTQ37 WITHDRAWN	07/1990
MTQ37 BEIBLATT 1	08/1990
MTQ38 TEIL 1	11/1990
MTQ38 TEIL 2	09/1985
MTQ39 SUPERSEDED BY MTT32-1	04/2004
MTQ40 CANCELLED	05/1984
MTQ41 CANCELLED	10/1979
MTQ41-1	07/1996
MTQ42	01/2005
MTQ42 BEIBLATT 1	03/1982
MTQ45	05/1997
MTQ46	03/1996
MTQ48	07/1994
MTQ49	12/1998
MTQ49-3	09/2004
MTQ50 TEIL 1	05/1991
MTQ52 CANCELLED	05/1986
MTQ53-1 WITHDRAWN	10/1994
MTQ54 WITHDRAWN	07/1984
MTQ55 CANCELLED	11/1980
MTQ56	06/1990
MTQ57	07/1991
MTQ58 SUPERSEDED BY MTT358	03/2007
MTQ58 TEIL 1 CANCELLED	08/1992
MTQ59 WITHDRAWN	07/1982
MTQ61 CANCELLED	02/1984
MTQ62 SUPERSEDED BY MTT362	03/2005
MTQ63	07/1986
MTQ64 SUPERSEDED BY MTT164	11/2006
MTQ65	11/1990
MTQ66-1 SUPERSEDED BY MTT366-2	11/2006
MTQ66 TEIL 2	05/1984
MTQ66-3	08/1999
MTQ66-4	11/1998
MTQ66-5	11/1997
MTQ67 CANCELLED	07/1988
MTQ67 TEIL 1 WITHDRAWN	03/1993
MTQ67 BEIBLATT 1 TEIL 1 WITHDRAWN	10/1993

MTQ67-2 WITHDRAWN	02/1995
MTQ68 WITHDRAWN	03/1982
MTQ69	07/1996
MTQ70 WITHDRAWN	12/1996
MTQ71 TEIL 1	06/1991
MTQ71-1 BEIBLATT 1	08/2001
MTQ71 TEIL 3 CANCELLED	08/1990
MTQ72 CANCELLED	02/1989
MTQ72-1 SUPERSEDED BY PROCESS DATA SHEET IPM 07 04 05-01	06/2004
MTQ72-2	11/1990
MTQ72-3	12/1992
MTQ73-1	03/1995
MTQ73-1 BEIBLATT 1	11/1994
MTQ73 TEIL 2	02/1991
MTQ73-2 BEIBLATT 1	03/1995
MTQ73-3	03/1995
MTQ73-4	08/1995
MTQ73-5	09/1996
MTQ74 WITHDRAWN	02/1986
MTQ75 WITHDRAWN	07/1985
MTQ76 PRELIMINARY	08/1983
MTQ76 TEIL 1	08/1985
MTQ76 TEIL 2	03/1985
MTQ76 TEIL 3	02/1985
MTQ80	11/1997
MTQ80 TEIL 1 CANCELLED	05/1990
MTQ85	02/1996
MTQ85 BEIBLATT 1	12/2004
MTQ87	03/1988
MTQ91 WITHDRAWN	02/1994
MTQ91 BEIBLATT 1 WITHDRAWN	01/1994
MTQ91 BEIBLATT 2 WITHDRAWN	07/1990
MTQ92 WITHDRAWN	06/1990
MTQ93-1 WITHDRAWN	01/1996
MTQ93-2 WITHDRAWN	07/1995
MTQ93 TEIL 3 WITHDRAWN	11/1994
MTQ93-7 WITHDRAWN	05/1996
MTQ93-8 WITHDRAWN	01/1997
MTQ97 SUPERSEDED BY MTQ49-3	12/1998
MTQ98 SUPERSEDED BY MTQ71-1	05/1998
MTQ99 WITHDRAWN	07/1994
MTQ100	12/1995
MTQ103 SUPERSEDED BY MTT403	11/2004
MTQ104	02/1996
MTQ105	11/1999
MTQ106	04/1998
MTQ108 SUPERSEDED BY MTT255	05/2005
MTQ109	02/1998
MTQ111	02/1997
MTQ115	01/1998
MTQ130	07/2002
MTQ131	05/2000
MTQ135 SUPERSEDED BY MTT435	09/2004
MTQ500-0 SUPERSEDED BY MANUAL MM 02	12/2003
MTQ500-0 BEIBLATT 1 SUPERSEDED BY MANUAL MM 02	12/2003
MTQ500-1 SUPERSEDED BY MANUAL MM 02	12/2003
MTQ500-2 SUPERSEDED BY MANUAL MM 02	12/2003
MTQ500-2 BEIBLATT 1 SUPERSEDED BY MANUAL MM 02	12/2003
MTQ500-3 SUPERSEDED BY MANUAL MM 02	12/2003
MTQ500-4 SUPERSEDED BY MANUAL MM 02	12/2003
MTQ500-5 SUPERSEDED BY MTT450-1	11/2003
MTQ500-6 SUPERSEDED BY MANAGEMENT MANUAL MM 02	12/2003
MTQ500-7 SUPERSEDED BY MANAGEMENT MANUAL MM 02	12/2003
MTQ500-8 SUPERSEDED BY MANAGEMENT MANUAL MM 02	12/2003
MTQ500-9 SUPERSEDED BY MANAGEMENT MANUAL MM 02	12/2003
MTQ500-10 SUPERSEDED BY MANAGEMENT MANUAL MM 02	12/2003
MTQ500-11 SUPERSEDED BY MANAGEMENT MANUAL MM 02	12/2003
MTQ500-12 SUPERSEDED BY MANAGEMENT MANUAL MM 02	12/2003
MTQ500-13 SUPERSEDED BY MANAGEMENT MANUAL MM 02	12/2003
MTQ500-14 SUPERSEDED BY MANAGEMENT MANUAL MM 02	12/2003
MTQ500-15 SUPERSEDED BY MANAGEMENT MANUAL MM 02	12/2003
MTQ500-16 SUPERSEDED BY MANAGEMENT MANUAL MM 02	12/2003
MTQ500-17 SUPERSEDED BY MANAGEMENT MANUAL MM 02	12/2003
MTQ500-18 SUPERSEDED BY MANAGEMENT MANUAL MM 02	12/2003
MTQ500-19 SUPERSEDED BY MANAGEMENT MANUAL MM 02	12/2003
MTQ500-20 SUPERSEDED BY MANAGEMENT MANUAL MM 02	12/2003
MTQ500-21 SUPERSEDED BY MANAGEMENT MANUAL MM 02	12/2003
MTQ500-21 BEIBLATT 1 SUPERSEDED BY MTQ500-24 BEIBEIBLATTT 2	12/1997
MTQ500-23 SUPERSEDED BY THE BEIBEIBLATTT 1 ZU MM 02	02/2004
MTQ500-23 BEIBLATT 1	02/2004
MTQ500-23 BEIBLATT 2 SUPERSEDED BY MTQ500-2 BEIBEIBLATTT 1	02/2001
MTQ500-23 BEIBLATT 3 SUPERSEDED BY MTQ500-2 BEIBEIBLATTT 1	02/2004
MTQ500-23 BEIBLATT 4 SUPERSEDED BY MTQ500-2 BEIBEIBLATTT 1	02/2004
MTQ500-24	06/2003
MTQ500-24 BEIBLATT 1	09/2003
MTQ500-24 BEIBLATT 2 SUPERSEDED BY MTQ500-2 BEIBEIBLATTT 1	01/2001
MTQ500-24 BEIBLATT 3	09/2003
MTQ500-25	10/2003

MTQ500-26	11/2000
MTQ500-27 SUPERSEDED BY MM 02 BEIBEIBLATTT 2	07/2004
MTQ500-27 BEIBLATT 1 SUPERSEDED BY MM 02 BEIBEIBLATTT 2	07/2004
MTQ500-27 BEIBLATT 2 SUPERSEDED BY MM 02 BEIBEIBLATTT 2	07/2004
MTQ500-28 SUPERSEDED BY MM 02 BEIBEIBLATTT 3	07/2004
MTQ3030 WITHDRAWN - NO REPLACEMENT	11/1999

MTS - MATERIALS	REVISION DATE
MTS1001 TEIL 1	05/1984
MTS1001-2	10/2009
MTS1002-1	05/2005
MTS1003 WITHDRAWN	06/1994
MTS1004-1 WITHDRAWN	05/1998
MTS1004-2 WITHDRAWN	05/1998
MTS1004 TEIL 3 WITHDRAWN	06/1994
MTS1005 WITHDRAWN	06/1994
MTS1006-3	12/1998
MTS1006-4	02/2001
MTS1007 TEIL 1	03/1992
MTS1007-2	05/1998
MTS1007-3	12/1998
MTS1007-4	05/1998
MTS1008	04/2008
MTS1018 WITHDRAWAL NOTIFICATION - NO REPLACEMENT	04/1998
MTS1019-1	07/1997
MTS1020-1	05/1998
MTS1021-1	07/2000
MTS1024 TEIL 1 WITHDRAWAL NOTIFICATION - NO REPLACEMENT	06/1994
MTS1024 TEIL 2 WITHDRAWAL NOTIFICATION	02/1996
MTS1025 TEIL 1 WITHDRAWAL NOTIFICATION	02/1996
MTS1041 TEIL 1	01/1996
MTS1042-1 GERMAN	04/1999
MTS1042-2 GERMAN	04/1999
MTS1043-1 GERMAN	09/1996
MTS1043-2 GERMAN	02/1997
MTS1044 TEIL 1 WITHDRAWAL NOTIFICATION	06/1994
MTS1046-1	12/1999
* MTS1059 REVISED 09-17 SUPERSEDES 06-12 ISSUE	09/2017
MTS1061 SUPERSEDES 06-12 ISSUE	12/2013
MTS1061 BEIBLATT 1 SUPERSEDED BY MTS1061	02/2006
MTS 1062 SUPERSEDES 02-08 ISSUE	01/2016
MTS1070	02/2007
MTS1070 BEIBLATT 1 SUPERSEDED BY MTS1070	10/1996
MTS1077	03/2007
MTS1077 BEIBLATT 1 SUPERSEDED BY MTS1077	03/2007
MTS1080	03/2007
MTS1080 BEIBLATT 1 SUPERSEDED BY MTS1080	03/2007
MTS1083 TEIL 1	06/1989
MTS1084 TEIL 1 SUPERSEDES 09-95 ISSUE	08/2015
MTS1086 -1	06/2009
MTS1087 TEIL 1	05/1993
MTS1094-1 SUPERSEDES 07-15 ISSUE	04/2016
MTS1094-1 BEIBLATT 1	11/1992
MTS1094-2	10/2008
MTS1096-1	07/2000
MTS1098-1	06/2002
MTS1099-1	09/2003
MTS1099 TEIL 2	06/1994
MTS1100-1	04/2007
MTS1101-1	04/2002
MTS1101-2	04/2002
MTS1101-3 GERMAN ONLY	04/2002
MTS1101-4 GERMAN ONLY	04/2002
MTS1101-5	09/2003
MTS1101-6 GERMAN ONLY	04/2002
MTS1101-7 GERMAN ONLY	04/2002
MTS1103-1	07/2007
MTS1103-2	07/2000
MTS1103-	07/2000
MTS1103- 4	10/2000
MTS1103 BEIBLATT 1 TEIL 3	04/1994
MTS1113	02/2008
MTS1125	06/2007
MTS1125 BEIBLATT 1 SUPERSEDED BY MTS1125	06/2007
MTS1150-1	06/1997
MTS1150 TEIL 2	05/1995
MTS1150 TEIL 3	07/1995
MTS1150 TEIL 4	05/1995
MTS1150 TEIL 5 SUPERSEDES 12-87 ISSUE	02/2011
MTS1152 REVISED SUPERSEDES 11-15 ISSUE	11/2016
MTS1155-1	09/1999
MTS1159 TEIL 1 WITHDRAWAL NOTIFICATION	02/1996
MTS1160-1	07/1998
MTS1165	10/2005
MTS1169 TEIL 1 WITHDRAWAL NOTIFICATION	06/1994
MTS1176-1	11/2004
MTS1176-2	11/2004
MTS1183-1	01/2003
MTS1184 TEIL 1 WITHDRAWAL NOTIFICATION	06/1994
MTS1187 TEIL 1 REVISED	04/2015
MTS1187 TEIL 2	05/1995
MTS1187 TEIL 3 REVISED	05/1995

MTS1187 TEIL 4 SUPERSEDES 10/83 ISSUE	09/2010
MTS1187 TEIL 5	05/1995
MTS1189-1 REVISED	05/2013
MTS1190 TEIL 1	06/1994
MTS1190 TEIL 2	06/1994
MTS1190 TEIL 3	06/1994
MTS1199 TEIL 1 WITHDRAWAL NOTIFICATION	02/1996
MTS1201	11/1985
MTS1202 TEIL 1	06/1994
MTS1202 TEIL 2	06/1994
MTS1202 TEIL 3	06/1994
MTS1204 TEIL 3	07/1994
MTS1206-1 SUPERSEDES 07-15 ISSUE	11/2015
MTS1210 SUPERSEDES 02-16 ISSUE	08/2016
MTS1213-2	09/2004
MTS1213-3	09/2004
MTS1213-4 GERMAN	10/2004
MTS1221 SUPERSEDED BY MTS1070	07/2001
MTS1221 BEIBLATT 1 WITHDRAWN - NO REPLACEMENT	07/2001
MTS1221 BEIBLATT 2 WITHDRAWN - NO REPLACEMENT	07/2001
MTS1228	10/1996
MTS1228 BEIBLATT 1	10/1985
MTS1230 TEIL 1 WITHDRAWAL NOTIFICATION	02/1996
* MTS1234 REVISED 01-2018 SUPERSEDES 2012-04 ISSUE	01/2018
MTS1235	08/2006
MTS1238 TEIL 1	05/1994
MTS1239 TEIL 1	04/1994
MTS1246 TEIL 1	11/1995
* MTS1252 REVISED 01-18 SUPERSEDES 2017-05 ISSUE	01/2018
MTS1263-1	12/2004
MTS1267-1	09/2006
MTS1267-2	09/2006
MTS1267-3	09/2006
MTS1267-4	02/2008
MTS1267-5	09/2006
MTS1279 TEIL 1	11/1988
MTS1279 TEIL 2	11/1988
MTS1279 TEIL 3	11/1988
MTS1279 TEIL 5	11/1988
MTS1280	04/1998
MTS1281-1	02/2005
MTS1285 TEIL 1 WITHDRAWAL NOTIFICATION	07/1995
MTS1288-1 GERMAN	04/1997
MTS1295 TEIL 1	04/1987
MTS1295 TEIL 2	04/1987
MTS1295 NEW	02/2013
MTS1301 TEIL 1	05/1988
MTS1301 BEIBLATT 1 TEIL 1	12/1987
MTS1323-1 REVISED SUPERSEDES 10-04 ISSUE	10/2013
MTS1327-1	03/2005
MTS1327-2	03/2005
MTS1327-3	03/2005
MTS1328-1	05/2006
MTS1333 NEW	07/2017
MTS1340-1	04/2006
MTS1348-1	09/1996
MTS1356 TEIL 2	03/1990
MTS1357- 1	08/2007
MTS1357- 2	08/2007
MTS1359-1 GERMAN	09/1999
MTS1360-2 SUPERSEDED BY MTS1410-2	10/2007
MTS1364-1	12/2008
MTS1364-2	04/2002
MTS1371-2	03/2004
MTS1373-1 SUPERSEDES 02-12 ISSUED	02/2016
MTS1373-2	10/2011
MTS1377-1	12/99 English
MTS1378 TEIL 1	07/1995
MTS1378 TEIL 2	05/1995
MTS1378 TEIL 3	07/1995
MTS1378 TEIL 4	05/1995
MTS1379 TEIL 1	05/1993
MTS1383-1	07/2002
MTS1383-2	07/2002
MTS1385-1	12/2004
MTS1385 BEIBLATT 1 TEIL 1	04/1995
MTS1387-1	07/1997
MTS1387-2	07/1997
MTS1388 TEIL 1	10/1993
MTS1389-1	07/2005
MTS1389-2	07/2005
MTS1391 TEIL 1	10/1993
MTS1392 TEIL 1	02/1994
MTS1393 TEIL 1	04/1994
MTS1394-1	04/1996
MTS1394-2	04/1996
MTS1398 TEIL 1	05/1995
MTS1398-2	04/1996
MTS1401 TEIL 1	09/1995
MTS1401 TEIL 2	09/1995
MTS1403 TEIL 1	12/1995
MTS1405-1	04/1996
MTS1406-1	08/2002

MTS1406-2	08/2002
MTS1406-3	04/1996
MTS1406-4	04/1996
MTS1407-1	04/1996
MTS1407-2	08/2002
MTS1424-1	09/2004
MTS1424-2	09/2004
MTS1424-3	09/2004
MTS1424-4	09/2004
MTS1424-5	09/2004
MTS1426-1	04/2000
* MTS1427 REVISED 01-18 SUPERSEDES 2016-12 ISSUE	01/2018
MTS1435-1	03/2001
MTS1436-1	02/2008
MTS1436-2	11/2007
MTS1441-1 SUPERSEDES 02-12 ISSUED	02/2016
MTS1441-2 SUPERSEDES 07-11 ISSUE	12/2011
MTS1448 NEW	02/2013
MTS1452	11/2006
MTS1464-1 01-16 REVISED SUPERSEDES 09-14 ISSUE	01/2016
MTS1470	10/2001
MTS1487-1	11/2011
MTS1492	11/2006
MTS1548-1	09/2006
MTS1552-1 SUPERSEDES 11-14 ISSUE	11/2015
MTS1599	02/2009
MTS1603-1 REVISED SUPERSEDES 09-14 ISSUE	10/2016
MTS1603-2 REVISED SUPERSEDES 12-15 ISSUE	10/2016
+ MTS1693 REVISED 2018-02 SUPERSEDES 2016-03 ISSUE	02/2018
MTS 1701 SUPERSEDES 12-16 ISSUE 03-17 REVISED	03/2017
MTT	
	REVISION DATE
MTT2-1	03/2009
MTT2-1 BLATT 1	02/2010
MTT 98 SUPERSEDED BY MTT164	11/2006
MTT128	01/2006
MTT 164 GERMAN ONLY	03/2009
MTT 185-1 BEIBLATT 1 WITHDRAWN & NOT REPLACED	11/2006
MTT305-3	09/2005
MTT366-2	11/2009
MTT450-1	10/2003

MTV - PROCESS		REVISION DATE
* MTV1 REVISED 01-18 SUPERSEDES 2013-07 ISSUE		01/2018
MTV2 SUPERSEDES 12-2015 ISSUE		11/2017
MTV2 BEIBLATT 1 REVISED SUPERSEDES 07-13 ISSUE		12/2015
MTV2 BEIBLATT 2 SUPERSEDES 10-11 ISSUE		01/2014
MTV2 BEIBLATT 3 SUPERSEDED BY MTV2		12/2005
MTV2 BEIBLATT 4 REPLACED BY EN 9132		12/2004
MTV2 BEIBLATT 5 SUPERSEDES 02-12 ISSUE		02/2014
MTV3 SUPERSEDES 04-14 ISSUE		05/2015
MTV 3 BEIBLATT 1 SUPERSEDES 06-14 ISSUE		11/2015
MTV 3 BEIBLATT 3 NEW		05/2015
MTV102		11/2006
MTV105		12/2008
MTV106 SUPERSEDED BY MTV122, MTV499, MTV566		08/1994
MTV107		07/2000
MTV109 SUPERSEDED BY MTV122 & MTV444		07/1991
MTV110		05/2008
MTV112		01/2008
MTV122 SUPERSEDES 09-09 ISSUE		03/2016
MTV123 WITHDRAWAL NOTIFICATION - REPLACED BY MTV123-1 &-2		05/2000
MTV123-1 REVISES SUPERSEDES 07-09 ISSUE		05/2011
MTV123-2		05/2009
MTV124		04/2009
MTV128 SUPERSEDED BY MTV124		05/1984
MTV131		07/2000
MTV133 REVISED SUPERSEDES 05-99 ISSUE		07/2017
MTV150		10/1981
MTV155 SUPERSEDES 06-03 ISSUE		06/2011
MTV156		10/1996
MTV170		09/1990
MTV172		09/2000
MTV175 SUPERSEDED BY MTV337		08/2008
MTV176		11/1981
MTV178		10/2003
MTV179 SUPERSEDES 07/12 ISSUE		04/2015
MTV187 SUPERSEDES 07-09 ISSUE		10/2015
* MTV206 REVISED 09-17 SUPERSEDED BY 12-1999 ISSUE		09/2017
MTV224		05/2005
MTV238		01/2005
MTV239		04/2000
MTV240		12/2002
MTV241		04/2008
MTV242 SUPERSEDES 07-08 ISSUE		02/2013
MTV245 SUPERSEDED BY MTV607-3		01/2007
MTV247		03/1981

MTV250	07/1997
MTV253	07/1997
MTV254	02/2000
MTV255	11/1982
MTV258	09/2000
MTV259	04/1994
MTV263	04/1991
MTV264	03/2000
MTV268	04/1994
MTV269	04/1994
MTV270	03/2000
MTV273	06/1989
MTV275	06/1989
MTV276	04/1995
MTV300	04/1991
MTV303	03/2000
MTV304	07/2001
MTV305	11/1982
MTV310	03/2000
MTV313	04/1991
MTV315	11/1982
MTV317	05/2001
MTV318	04/1994
MTV319	04/1994
MTV320	04/1994
MTV321	12/1989
MTV325	02/1989
MTV328	11/1981
MTV329 REVISED SUPERSEDES 11-02 ISSUE	02/2017
MTV333	11/1981
MTV334	11/1981
MTV335	11/1981
MTV336	09/1981
MTV337 REVISED SUPERSEDES 01-10 ISSUE	09/2012
MTV337 BEIBLATT 1 SUPERSEDES 04/09 ISSUE	11/2013
MTV338-1 REVISED SUPERSEDES 11-05 ISSUE	09/2013
MTV338 TEIL 1	11/1981
MTV338 TEIL 2	07/1992
MTV338 TEIL 3	09/1982
MTV338 TEIL 4 SUPERSEDES 06-94 ISSUE	11/2005
MTV338 TEIL 5	11/1981
MTV338- 6	11/2005
MTV338 TEIL 7 REVISED	01/1900
MTV338-10 REVISED SUPERSEDES 11-05 ISSUE	09/2013
MTV338-13 REVISED SUPERSEDES 05-16 ISSUE	02/2017
MTV339 TEIL 2	11/1981
MTV339-2	05/1995
MTV340-1	10/2009
MTV341	03/2003
MTV342	08/2008
MTV352 REVISED SUPERSEDES 02-89 ISSUE	04/2013
MTV355 REVISED SUPERSEDES 06-05 ISSUE	04/2013
MTV357 REVISED SUPERSEDES 02-14 ISSUE	06/2016
MTV359	01/2006
MTV360 REVISED 2/2017 SUPERSEDES 10/05 ISSUE	02/2017
MTV361	02/1982
MTV364 TEIL 1	01/1985
MTV365-1 SUPERSEDES 12/14 SSUE	02/2017
MTV365 BEIBLATT 1 TEIL 1	03/1989
MTV365-23	02/2000
MTV371 SUPERSEDES 12/1992 ISSUE	01/2009
MTV372	03/1983
MTV385	07/2006
MTV387 SUPERSEDES 06-11 ISSUE	09/2015
MTV391 REVISED SUPERSEDES 02/01 ISSUED	10/2016
MTV409	12/2008
MTV415 REVISED SUPERSEDES 02-05 ISSUE	03/2010
MTV422 REVISED SUPERSEDES 03-07 ISSUE	11/2011
MTV426 -1 REVISED SUPERSEDES 03/06 ISSUE	11/2015
MTV426 TEIL 2	04/1987
MTV426 TEIL 5	04/1987
MTV428	11/2009
MTV430	09/1986
MTV431	05/2009
MTV432	05/2009
MTV435	03/2002
MTV443 REVISED SUPERSEDES 03-03 ISSUE	02/2014
+ MTV458 REVISED 02-14 SUPERSEDES 2004-02 ISSUE	02/2014
MTV459	01/1991
MTV490 SUPERSEDED BY MTV 490-1	12/2013
MTV490-1 NEW	12/2013
MTV499 SUPERSEDES 08/2005 ISSUE	03/2009
MTV509	08/1991
MTV511 WITHDRAWN-NOT REPLACED	02/1989
MTV512	05/2005
MTV527 SUPERSEDED BY MTV527-1	03/2005
MTV527-1 SUPERSEDED BY MTV337	09/2008
MTV527-2 SUPERSEDED BY MTV337	09/2008
MTV528	04/1991
MTV532	01/2010
MTV547-1 REVISED SUPERSEDES 11-13 ISSUE	01/2016
MTV548-1 SUPERSEDES 07/96 ISSUE	03/2013
MTV548-2 SUPERSEDES 09/12 ISSUE	03/2014

MTV556	07/2004
MTV558	06/1996
MTV560 SUPERSEDES 10-03 ISSUE	03/2013
MTV 562-1 SUPERSEDES 02-16 ISSUE	07/2016
MTV562 TEIL 1 GERMAN	12/1994
MTV562-2	04/2012
MTV569	07/1996
* MTV574 REVISED 10-17 SUPERSEDES 2013-11 ISSUE	10/2017
MTV593	09/2005
MTV607-1 SUPERSEDES 02-13 ISSUED	10/2015
MTV607-3	03/2007
MTV616	08/2011
MTV618	01/2002
MTV626 NEW	04/2016
MTV628 REVISED SUPERSEDES 11-13 ISSUE	06/2016
MTV632	03/2009
MTV633	12/2009
* MTV634-1 REVISED 10-17 SUPERSEDES 2013-11 ISSUE	10/2017
+ MTV635 REVISED 01-2014 SUPERSEDES 2014-01 ISSUE	01/2014
MTV650	01/2006
MTV669 NEW	10/2016
MTV676 SUPERSEDES 06-14 ISSUE	09/2015
MTV700 NEW	01/2015
MTV825 NEW	10/2016
MTV1002	09/1992
MTV1003	11/2006
MTV1008	08/2004
MTV1009	07/1984
MTV1015	05/1998
MTV105-4 REVISED SUPERSEDES 01-11 ISSUE	05/2017
MTV1016 AMND	12/1996
MTV1018	04/1988
MTV1020	05/2009
MTV1021	05/2009
MTV1022	05/2009
MTV1023	06/2009
MTV1024	06/2009
MTV1027 SUPERSEDED BY MTV 1027-1	05/2014
MTV1027-1 SUPERSEDES 05-14 ISSUE	12/2014
MTV1029	07/2000
* MTV1030-1 REVISED 01-2018 SUPERSEDES 2015-11 ISSUE	01/2018
MTV1030-2 SUPERSEDES 06-06 ISSUE	02/2014
MTV1030-3 SUPERSEDES 11-05 ISSUE	02/2014
MTV1030- 4 SUPERSEDES 07-98 ISSUE	05/2017
MTV1030-10	03/2010
MTV1031-1 SUPERSEDES 07-11 ISSUE	03/2013
MTV1031- 2	07/2000
MTV1031-3	07/2000
MTV1031-4	07/2000
MTV1031- 5	07/2000
MTV1031- 6	07/2000
MTV1031-7	07/2000
MTV1032-1 SUPERSEDES 03-15 ISSUE	07/2015
+ MTV1032-2 (INACTIVE FORE NEW DESIGN)	02/2018
MTV1032 TEIL 2	11/1984
MTV1032 TEIL 3 REVISED SUPERSEDES 11-81 ISSUE	11/2011
* MTV1033-1 AMND REVISED SUPERSEDES 2011-12 ISSUE	07/2017
MTV1033-1 AMND	12/2011
* MTV1033 TEIL 2 REVISED 2018-02 SUPERSEDES 1995-05 ISSUE	02/2018
* MTV1033 TEIL 3 REVISED 2018-02 SUPERSEDES 1995-05 ISSUE	02/2018
MTV1034	08/1991
MTV1036	02/2000
MTV1037-1 SUPERSEDES 06-12 ISSUE	03/2017
MTV1037-2	01/2010
MTV1039	08/2005
MTV1040	04/1983
MTV1041	03/1983
MTV1042	12/1982
MTV1043	04/1983
MTV1044	12/1981
MTV1047	10/2007
MTV1048	03/1983
MTV1051 SUPERSEDED BY MTV 1051-1 & MTV 1051-2	07/2016
MTV1051-1 NEW	07/2017
MTV1051-2 NEW	07/2017
MTV1066	05/2006
MTV1076	03/2005
MTV1083 TEIL 1	04/1990
MTV1083 TEIL 2	08/1990
MTV1083 TEIL 3	08/1990
+ MTV1089 REVISED 02-14 SUPERSEDES 2006-01 ISSUE	02/2014
MTV1098 SUPER SEDES 0891 ISSUE	11/2011
MTV1112 SUPERSEDES 11-95 ISSUE	05/2012
MTV1117 REVISED SUPERSEDES 03-02 ISSUE	01/2013
MTV1118	03/1997
MTV1121 NEW	02/2015
MTV1122PR	07/1999
MTV1127 SUPERSEDES 05-12 ISSUE	07/2013
MTV1143 REVISED SUPERSEDES 06-05 ISSUE	04/2016
MTV1148	04/2001

TECHSPACE AERO SPECIFICATIONS

SPECIFICATION	REVISION DATE
00R7070	B
51R0001	C
51R0002 (dwg 5760303)	A
51R0003	B
51R0006	C
51R0010	A
51R0011	A
51R0014	A
51R0015	A
51R0016	A
51R1001	B
51R1002	B
51R1003	A
51R1004	B
51R1005	E
51R1006	B
51R1007	A
51R1008	A
51R1009	B
51R1011	A
51R2001	B
51R2003	B
51R2004	B
51R2005	B
51R2006	A
51R2007	A
51R2008	A
51R100851	A
+ 51R111196	A
+ 51R111197	A
+ 51R111198	A
51STM1001	B
51STM1002	F
51STM2001	B
51STM1004	B
+ 51STM2002	B

\* Revised Since Previous Edition of 1/25/18

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Revision Date 04/2018

Updated Quarterly - January, April, July, October

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**Packaging Engineering Instruction Specifications (P)**

13440D	13441D	13442H	13443H	20000H
30000M	40000P	42000H	43000A	45800F
49200C	53400B	61660F	61673P	62100

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Revision Date 04/2018

Updated Quarterly - January, April, July, October

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**Packaging Engineering Material Specifications - (P)**

9747J	9749E	9750C	9923B	10083M
11201A02	11202B01	13590K	19193G	23330
24048D	27315D	28075	31193 Chg 2	31198A
40019A	41188E	41189D	41190D	41191 Chg5
41201F	41222G	41250A	41300F	41304H
41424C	43022K	45588	46058	46059
46060 Chg 1	46062A	46063	46064 Chg 1	46345B
46361F	46362D	46363D	46364E	46366D
46367C	46368A	46993F	47300K	47302B
47322A	47730H	48768M	49667	50900C
50901D	51357B	51358C	51360A	51500E
61027A	61680G	62101A	62103B	62548A
62549A	62550B	62551B	62692B	62693C

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**Process Operations Procedures (POP)**

For a comprehensive list of POPs with latest revisions, see  
["Processing Procedures/Solutions"](#)  
on the Homepage under "Specification Revision Lists"

**1614BC**

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Revision Date 04/2018

Updated Quarterly - January, April, July, October

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**PW Purchase Performance Specifications Commercial and Military**

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F-13N	F-14J	F-33A	F-34D	
F-52E	F-61C	F-74F	149E	
202	222L	223R	226	
227	228	248E	256	
270	272A	274	277	
278	290	301	306D	
308E	309D	310	312	
316E	321	322	323	
324L	325A	326A	327G	
329C	332	334	339	
349	355G	356R	357A	
359D	0365R	379E	384C	
386C	389	391	392A	
402	411B	412G	414	
419	425	433D	434B	
435	437B	441	442C	
443A	445	446	447F	
448C	452E	453	454	
456B	461F	462C	463B	
468	469B	470	471A	
475C	479	480	481D	
482	485	486	487B	
488D	490A	492B	493	
494D	498A	499	500	
501	502	506B	510D	
515B	519A	520A	521	
523C	527A	528	529A	
531F	534G	535H	536A	
537A	541	542	548A	
552	553B	554G	555A	
557	560	561A	F-562B Deleted	
563A	564A	566B	568A	
570	573A	574F	575	
576	577	578J	579E	
582	583	586	588	
589	591A	592B	594F	
598	599	600	601F	
602D	603	604H	605	
606	610A	611	623	
F-624C	625C	626	628I	
630C	632	634	638I	
639H	643	645A	646A	
647	650	662D	665	
668J	669A	675	683N	
684N	686R	687A	688H	
689A	692	693	694	
695	702G	703D	706Q	
710K	711B	716C	717M	
720F	722	726N	732	
733A	735	738C	739	
740B	749A	750A	751H	
755	756H	759E	764A	
769B	F-770	770B	F-771A	
771B	774B	778K	F-780H	
F-781F	784	785	786A	
787E	788H	789M	791	
792C	F-793C New	F-795E	803A	F-807D
F-813F	811B	817A	F-820E	
F-821C	823H			
825A	826B	828D	840B	
841	F-842A	F-843	844	
845	848B	849	851	
852	854	F-860G Cancelled	F-861C	
F-862A	863	F-864G	F-865F	
F-866	F-867A	F-868	869B	
870C	871C	872A	873A	
874	880	881	882A	
883	884	888	889	
890	891	892	893H	
900	901	902	903A	
904	905	907B	910	
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914	915	916L	917	
918A	919A	920A	921	
922A	924	925A	926	
928	929	931	932D	
933	934	935E	936E	
937	938	940	941B	
942B	943	944	945	
946	947B (Supp #1)	948	949	

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950	951A	952	953
954B	955	957D	958A
959A	960C	961B	962
963	964C	965B	966D
967C	968A	969	970A
971A	972	973	974
975C	976	977	978A
979D	980B	983	984
985	986B	987	989
990A Scn-1	991 Scn	App A	App B
993	994	995	996C
997	998C	1001	1002
1004	1005	1006	1007
1008	1009	1010	1012
1013	1014	1015	1016
1017	1018	1019	1020
1021	1022	1023	1024
1025	1026	1027	1028
1029	1030	1031	1032
1033	1034	1035	1042
1043A	1044	1045	1046A
1047	1048	1049	1055
1057	1058A	1059	1060
1061	1062	1063	1064
1065	1066	1068	1069
1072A	1078	1079	1080
1081	1082	1089C	1090C
1091	1092	1093B	1094
1095C	1104	1105	1106
1107	1109	1110	1111
1112	1113	1115	1118
1119	1120	1121	1122
1123A	1124A	1125	1126
1129	1138	1141	1143
1144	1145	1146	1147
1148A	1149	1150A	1151
1152	1154	1157A	1160
1161	1162	1163	1164
1165	1168	1170	1172
1173	1174	1178	1183
1184	1185	1186	1187
1194	1195A Scn-6	1200	1201
1202	1203	1204	1205D
1212A	1214	1217	1221
1222	1223	1224	1225
1226	1227C	1230	1232C
1234	1235	1237	1239
1240	1241	1242	1243
1244	1245	1246	1247
1250	1251	1252	1253
1261	1267A	1268A	1269A
1270	1271	1272	1273
1276C	1277C	1278C	1280
1281	1282	1283C	1284
1285	1286	1289	1290A
1291A	1292A	1294	1301
1302	1303A	1304	1305
1306A	1307	1309	1310
1311	1312	1313B	1314B
1315	1324A	1325	1326
1328	1329	1330	1331
1332	1333	1334	1335
1336A	1337	1338	1339
1341B	1344	1348D Rev 18	1352
1354	1355	1356	1358
1359A	1365	1367	1370
1373	1380	1384	1390
1391C	1394A	1397D Scn-2	1398C
1399	1402	1403	1405
1406A	1409	1412	1420
1422A	1425A	1427	1428
1434	1435	1436	1438
1439	1440	1441C Scn-6	1444
1445	1446	1447	1448
1455A	1456B Scn-2	1458	1459
1460	1463	1464	1466
1470 Scn-1	1474	1477A Scn-2	1480
1483A Scn-6	1485A	1490	1491B
1492A	1493C Scn-1	1494	1498 Scn-2
1499	1500	1501A Scn-1	1503
1507	1509	1510	1511
1516A	1517A Scn-3	1518	1523B

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1524 Scn-2	1525 Scn-2	1526 Scn-1	1527 Scn-1	
1528	1529	1530A	1531	
1532	1533 Scn-2	1534 Scn-1	1535 Scn-1	
1536E	1537B	1547C	1550C	
1552A	1553C	1556	1557A	
1569B Scn-1	1570B	1575	1576B	
1577	1578A	1579	1582	
1585A	1587	1588	1591G	
1592 Scn-1	1593	1596	1607C	
1611 Scn-1	1617	1619	1620	
1624	1626 Scn-2	1627 Scn-1	1628	
1635	1636	1637	1638	
1642B	1643	1644	1645	
1646	1650 Scn-1	1651G	Scn-4	
1652A	1653B	1654C	1655 Scn-1	
1656	1657A	1658D	1660	
1661	1662	1663	1664	
1667E	1669A	1670	1671 Scn-1	
1672 Scn-1	1673A Scn-1	Supp A	1674	
1675	1676	1677A	1679	
1680	1681C	1683	1684	
1685 Scn-1	1686A	1688B	1691A Scn-1	
1692 Scn-1	1693	1694	1695	
1696A	1697C	1698A	1700A Scn-1	
1705	1707A	1708A	1709	
1713	1714A	1715C	1716A	
1717C	1718	1719	1720	
1721	1722	1724	1725	
1726B	1727A	1729 Add A	1730	
1731	1732C	1734	1735	
1743E	1744	1749A Scn-1	1750B	
1751C	1752C Scn-6	1753 Scn-1-1	1755	
1757	1758	1759	1760	
1761A	1762A	1763B Scn-1	1767	
1768	1772	1775	1776A Scn-2	
1777A	1779	1780B	1781A	
1782	1784	1785	1787A	
1788	1789	1790	1791A	
1792A	1793A	1794A	1797	
1799 Scn-1	1800A SCN27A	1801	1803A	
1805D	1806 Scn-1	1807	1808 Rev. C 4/8/86	1809C
1810D	1811B	1812A	1813 A	
1815	1823	1824	1825	
1827 Scn-1	1828A	1829A App B	Add #1	
1830	1831	1832 Add #1	1833A Add #1	
1836	1837	1838	1841	
1844A	1846	1847C Add #1	1848D	
1850B Scn-1	1851A	1853 Scn-8C	1854	
1855	1856	1857	1859	
1860	1861	1862 Scn-1	1863A	
1864	1866B	1868	1870	
1871	1872	1875A	1876A	
1877	1878 SCN 15	1880 Scn-4	1885	
1887A	1888	1890	1891	
1893A Add #1	App A	App B	App C	
1896A	1904	1905C	1906	
1907B	1910	1912B	1913A	
1914H	1918AQ	1920C	1921	
1923	1924	1929	1930C	
1934B	1935A Add #1	1938	1940	
1945	1946	1949B	1953	
1954A	1955D	1956	1958G	
1959AA	1962B	1966A	1967	
1968	1970D	1971	1973	
1974	1975	1976	1979B	
1980	1981B	1982B	1983	
1984	1985A	1986	1987A	
1988	1989 Rev. 22	1992B	1993	
1994	1995	1996	1998	
1999 Rev. AB	2000B	2001	2002	
2003	2006	2007A	2008	
2011	2012B	2013	2015 Rev. 5 7/13/16	
2017A	2018	2020G	2023	
2024	2025	2029	2030A	
2031	2032	2035A	2036	
2039	2040A	2044	2045A	
2052A	2053	2056E	2057A	
2058A	2059	2061	2062C	
2064	2065	2066A	2067	
2068	2069	2070	2072	
2074	2077	2078	2079	
2082	2083A	2087 SCN5B	2090	

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2113B	2125	2136	2138	
2139	2142B	2143	2144	
2145	2146A	2147	2148	
2149	2151	2153	2169A	
2180	2181	2184	2185	
2186	2191A	2199C	2236	
2261	2263A	2264A	2265A	
2266	2267	2270	2271	
2274	2377	2378	2379	
2376	2380	2382	2383	
2384B	2385	2386	2387	
2388	2389	2390	2392	
2395	2396	2420	2424	
2425C	2430	2432	2439	
2443C	2457C	2460 Rev. F	2466 New	
2468 Rev. 7	2469 Rev. 7	2470D	2471	
2472 New	2483	2486 Rev. 10	2492 Rev. E	
2493	2494	2495	2496	
2498 Rev. C	2499	2501B	2502	
2503	2504	2505	2506	
2507	2508	2509	2510	
2511L	2512	2513	2514	
2515	2516	2520 Rev 00	2521 Rev 00	
2522	2523	2524	2525 Rev 3	
2526	2527	2528 Rev G	529A	
2530 Cancelled 1/18/08	2531	2532 Rev 4	2533 Rev 6	
2534 Rev 5	2535 Rev 3	2536 Rev 1.0	2537	
2538	2539	2540	2541	
2542A	2548-OS	2549 Rev 2	2550 Rev. H	
2554 Rev. G	2554 Rev. G Addendum (New)	2555 Rev. F	2457 Rev. C 7/11/16	2558 Rev 001
2560 Rev F	2565 Rev. D	2567-05	2570-02A	2571 Rev. E
2574 Rev 00	2581 Rev C	2582	2583 Rev 2	
2584 (New)	2585 (New)	2591 New	2593 Rev B	
2596 New	2600-02	2602 New	2603 New	2604-02
2605	2607	2608 New	2609 Rev D	
2610-01	2614B	2612 New	2617 Rev. A	2618 Rev. C
2620 New	2621 Rev. A	2622 Rev. B	2623 Rev. B	2625 Rev A - New
2626 Rev. 2	2628A	2638 New	2642 New	2644 New
2645A	2647 New	2649 New	2650 New	2654A
2655 New	2656 New	2657 New	*2658A	*2665A
+2669A New	*2673 Rev. B	+2675 New	+2678 New	+2679 New
+2680A New	+2681A New	5000A	5001A	5003 New
5005 New	5006 New	5007 New	5008 New	5009 New
5010 New	5011 New	5012 New	5014 New	5015-- New
+5017 New				

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	Spec Revision	Spec Code
	PWA Glossary Rev M	
	1K	E
	2D	-
	4G	Q
	5E	Q
	<b>6G</b>	<b>E,Q</b>
	<b>7D</b>	<b>E</b>
	8G	E
	10W	E
	11CE	E,Q
	<b>12U</b>	<b>Q</b>
	14M	E,Q
	15AC	Q
	16BD	E,Q
	19AK	E,Q
	<b>20H</b>	<b>N,Q</b>
	24T	E
	25F (Cancelled)	-
	<b>26P</b>	<b>N</b>
	27H	-
	<b>33L</b>	<b>E</b>
	34W	E,Q
	<b>35C</b>	<b>E</b>
	36H	Q
	<b>37K</b>	<b>Q</b>
	<b>38D</b>	<b>N</b>
	41B (Cancelled)	-
	<b>42L</b>	<b>Q</b>
	44R	Q
	<b>45L</b>	<b>-</b>
	46AA	N,Q
	<b>47W</b>	<b>Q</b>
	<b>48G</b>	<b>Q</b>
	49P	N,Q
	50T	N,Q
	52M	N,Q
	53AT	E,Q
	<b>55F</b>	<b>N,Q</b>
	<b>57E</b>	<b>Q</b>
	<b>58C (Cancelled)</b>	<b>Q</b>
	<b>60N</b>	<b>Q</b>
	<b>61L</b>	<b>N,E</b>
	62M	E
	63J	-
	<b>68T</b>	<b>E</b>
	70AD	E
	<b>72K</b>	<b>Q</b>
	73AP	E,P
	<b>74M</b>	<b>Q</b>
	75M	Q
	<b>76K</b>	<b>E,P</b>
	77V	E
	80AE (Cancelled)	Q
	81AC (Cancelled)	Q
	82G (Cancelled)	-



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	83AG	-
	84K	-
	85AA	E,Q
	86J	Q
	<b>87B (Cancelled)</b>	-
	<b>88J</b>	Q
	<b>89J</b>	-
	<b>91H</b>	-
	92V	Q
	<b>93M (Cancelled)</b>	<b>Q</b>
	<b>94L</b>	<b>E</b>
	<b>95D (Obsolete)</b>	<b>N</b>
	96R	Q
	97P	Q
	98R	E
	99W	E,Q
	<b>100N</b>	<b>E</b>
	<b>101G</b>	<b>Q</b>
	102J	E
	103F	E
	104T	Q
	105K	N,E
	106K	Q
	<b>107E</b>	<b>Q</b>
	108H	Q
	109M	-
	110AE	Q
	<b>111D</b>	<b>Q</b>
	112H	E
	113P	Q
	115D	E
	116AD	Q
	117D	Q
	118M	Q
	119M	Q
	<b>120N</b>	<b>E</b>
	<b>122E</b>	-
	123AC	N
	<b>126B</b>	-
	<b>128F</b>	<b>Q</b>
	<b>137P (Obsolete)</b>	-
	144C (Cancelled)	-
	162D (Cancelled)	-
	<b>222A (Cancelled)</b>	<b>E</b>
	230D	E, P
	<b>231C (Cancelled)</b>	-
	<b>238P</b>	-
	<b>240J</b>	<b>N</b>
	<b>250B (Cancelled)</b>	-
	251E	-
	252F	E
	<b>253J</b>	<b>Q</b>
	<b>254G</b>	<b>Q</b>
	255P	E
	<b>256V</b>	<b>E,Q</b>

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	257L	E,Q
	<b>258A (Cancelled)</b>	<b>Q</b>
	259M	E
	<b>261G</b>	<b>Q,P</b>
	262F	E,P
	<b>263L</b>	<b>E,Q</b>
	264L	E,P
	265G	Q,P
	266T	E,P
	<b>268J</b>	<b>E</b>
	<b>269G</b>	<b>N,Q</b>
	<b>270P</b>	<b>E</b>
	271J	-
	272C	E,P
	273V	E,P
	275T	E
	<b>276J</b>	<b>E</b>
	<b>277G</b>	<b>E,P</b>
	279R	E,P
	<b>280D</b>	<b>E,Q</b>
	281K	E,P
	<b>282D</b>	<b>E</b>
	283J	E,P
	284L	E,P
	285A (Cancelled)	-
	286M	E
	287H	E,P
	<b>288D</b>	<b>N,Q</b>
	289E	E
	290D	E
	291F	E,P
	293G	E
	294B (Cancelled)	-
	295H	E
	<b>296E</b>	<b>N</b>
	297B (Cancelled)	-
	<b>298E</b>	<b>N</b>
	299K	E
	300BP	-
	301AY	-
	302A	-
	303E	-
	<b>304C</b>	<b>-</b>
	305A	-
	307A	-
	308C	-
	309B	-
	310BH	-
	<b>311R</b>	<b>-</b>
	<b>312C</b>	<b>-</b>
	<b>315W</b>	<b>-</b>
	316K	-
	317A	-
	318F	-
	320E	-

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	321L	-
	322F	-
	323B	-
	324A	-
	325A	-
	326E	-
	327H	-
	328E	-
	329A	-
	330B	-
	331H	-
	332F	-
	* 333N	-
	335B	-
	339C	-
	340C	-
	341J	-
	343T	-
	344B	-
	345E	-
	346B	-
	349A	-
	350AC	-
	351F	-
	353A	-
	354P	-
	355AC	-
	* 357AF	-
	358A	-
	359B	-
	360V	-
	361D	-
	362P	-
	363E	-
	364G	-
	365A	-
	367T	-
	368C	-
	370W	-
	371D (Cancelled)	-
	372BC	P
	373G	-
	381Y	-
	382C	-
	383B	-
	384B	-
	385AE	N,Q
	386D	-
	387A	-
	388E	-
	389D	-
	390H	-
	391H	-
	392F	-
	393G	-

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	394E	-
	395F	-
	396E	-
	<b>397J</b>	-
	401H	Q
	404AA	N
	<b>405J</b>	<b>N</b>
	<b>406F (Cancelled)</b>	<b>N</b>
	407AG	N
	<b>408C</b>	-
	409AA	N
	<b>410F</b>	<b>E</b>
	411P	N
	<b>412H</b>	<b>N</b>
	<b>413F</b>	-
	414N	N
	415B	-
	<b>416MN</b>	<b>N</b>
	<b>417E</b>	<b>N</b>
	418H	N
	<b>420E</b>	<b>N</b>
	421R	N
	422V	N
	<b>424H</b>	<b>N</b>
	<b>425H</b>	<b>Q</b>
	<b>426E</b>	<b>N</b>
	<b>427G</b>	<b>N</b>
	428B (Cancelled)	N
	429E (Cancelled)	N
	<b>433AA</b>	<b>N</b>
	434F (Cancelled)	N
	<b>439D</b>	<b>N</b>
	<b>441D</b>	<b>N</b>
	<b>442G</b>	<b>N</b>
	444H	N
	445H	N
	<b>446D</b>	<b>N</b>
	447B	-
	448K	N
	449J	N
	450H	N
	451AB	N
	452L	N
	453C	-
	454T	N
	455U	N
	456U	N
	457M	N
	458A (Cancelled)	-
	459M	N
	460P	E
	461C	-
	462C	-
	463C	-
	464G	N

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	465M	N
	466H	N
	467H	N
	<b>468D</b>	<b>N</b>
	<b>469B</b>	<b>N</b>
	472B (Cancelled)	Q
	474T	N
	* <b>475F</b>	N
	476E	-
	477N	N
	478G	N
	479D	N
	482H	-
	483C	N
	484K	N
	<b>485D</b>	<b>N</b>
	<b>486G</b>	<b>N</b>
	<b>487G</b>	<b>N</b>
	<b>488L</b>	<b>N</b>
	<b>489D</b>	<b>N</b>
	491A (Cancelled)	-
	492C	-
	493H	N
	496D	-
	<b>497A</b>	<b>N</b>
	<b>498H</b>	<b>N</b>
	499M	N
	500D (Cancelled)	-
	504C (Cancelled)	-
	521N	-
	522M	-
	523F (Cancelled)	-
	524E (Cancelled)	Q
	527D (Cancelled)	-
	529G (Cancelled)	-
	530D	-
	535C (Cancelled)	-
	536B (Cancelled)	-
	537E	N
	538A (Cancelled)	-
	539A (Cancelled)	-
	540B (Cancelled)	Q
	<b>541K</b>	<b>N</b>
	542A (Cancelled)	-
	<b>543K</b>	<b>N,E</b>
	544L	N
	545T	E,N,P
	546C (Cancelled)	N
	547H	N
	548J	N
	549P	N
	550V	N
	552L	N
	553J	N,E
	554E (Cancelled)	N

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	Spec Revision	Spec Code
	555G	N
	556T	N
	557F (Cancelled)	-
	559F (Cancelled)	-
	561M	N
	562F	N
	564A (Cancelled)	E
	565A (Cancelled)	E
	566H (Cancelled)	N
	567R	N
	568U	-
	569R	N
	577E	Q
	<b>578G</b>	<b>Q</b>
	580K	-
	581G	-
	582G (Cancelled)	Q
	583E	-
	585R (Cancelled)	N
	<b>586AD</b>	<b>N</b>
	587F	N
	589E (Cancelled)	-
	591K	N
	<b>592L</b>	<b>N</b>
	<b>593G</b>	<b>N</b>
	595U	N
	596L	N
	597V	N,P
	599F (Cancelled)	-
	603R	N
	604J	N
	605F (Cancelled)	-
	<b>606H</b>	<b>N</b>
	609G	-
	611AG	E
	614E (Cancelled)	N
	615AG	E
	616K	-
	<b>617N</b>	<b>N</b>
	618E	N
	619B (Cancelled)	Q
	621B (Cancelled)	-
	<b>625L</b>	<b>E</b>
	626C	-
	627B (Cancelled)	N
	628J	N
	629D (Cancelled)	N
	633B (Cancelled)	N
	634D (Cancelled)	-
	<b>635N</b>	<b>E</b>
	<b>637D</b>	<b>N</b>
	638B (Cancelled)	N
	641E	-
	642D	-
	645E	N

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	Spec Revision	Spec Code
	647K	I
	<b>649V</b>	<b>I</b>
	651E (Cancelled)	-
	<b>652M</b>	-
	<b>653H</b>	-
	654F (Cancelled)	-
	655V	I
	656U	I
	<b>657H</b>	<b>I</b>
	658AH	I
	659L (Cancelled)	I
	<b>661F</b>	-
	<b>662F</b>	-
	<b>663AK</b>	<b>I</b>
	664K (Cancelled)	I
	<b>673G</b>	-
	<b>686V</b>	<b>I</b>
	687N	-
	<b>689M</b>	<b>I</b>
	691A (Cancelled)	-
	692F	-
	694R	N
	<b>698J</b>	-
	699C (Cancelled)	-
	701D	-
	703C (Cancelled)	-
	704D	-
	706G	-
	707C	-
	<b>708F</b>	-
	713D	-
	714C (Cancelled)	-
	<b>715F</b>	-
	<b>716F</b>	-
	717F	-
	<b>718G</b>	-
	<b>719D</b>	<b>Q</b>
	723P	-
	<b>724H</b>	-
	725R	-
	733Y	I
	734E	-
	736D (Cancelled)	-
	<b>741F</b>	-
	<b>742E</b>	-
	743C (Cancelled)	N
	744J	N
	749G	-
	<b>765E</b>	-
	<b>767J</b>	-
	768L	I
	<b>770K</b>	<b>E</b>
	<b>771H</b>	<b>I</b>
	<b>772E</b>	-
	<b>773D</b>	-

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	776C	-
	<b>777G</b>	<b>N</b>
	778D	-
	779E (Cancelled)	-
	788D (Cancelled)	-
	789F (Cancelled)	-
	<b>790E</b>	-
	<b>791E</b>	<b>N</b>
	792D	-
	793L	I
	795K	N
	796B (Cancelled)	-
	797B (Cancelled)	-
	798C (Cancelled)	-
	802D	Q
	<b>804D</b>	-
	809G	N
	810F (Cancelled)	Q
	<b>817G</b>	<b>I</b>
	830BY	-
	840D (Cancelled)	-
	892B (Cancelled)	-
	896D	-
	927E (Cancelled)	-
	953C (Cancelled)	-
	956C (Cancelled)	-
	996G	-
	998C (Cancelled)	-
	1003U	I
	1004J	-
	<b>1005V</b>	<b>I</b>
	<b>1007AE</b>	<b>I</b>
	1009L	-
	1010Y	I
	1012D	-
	<b>1013Y</b>	<b>I</b>
	1014J	-
	1015E	-
	1016AB	I
	1019E (Cancelled)	I
	<b>1021H</b>	<b>I</b>
	1022P	I
	1024F (Cancelled)	I
	<b>1025J</b>	-
	<b>1026J</b>	-
	<b>1027R</b>	<b>I</b>
	<b>1029N</b>	<b>I</b>
	1035J	-
	1036C	-
	<b>1037F</b>	-
	<b>1038P</b>	-
	<b>1039E</b>	-
	<b>1042N</b>	-
	1043F	-
	1045G (Cancelled)	E



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	1049E (Cancelled)	I
	1052D (Cancelled)	-
	1055D	-
	1056N	I
	<b>1057P</b>	<b>I</b>
	1058E (Cancelled)	-
	1060J	-
	1062F	-
	<b>1064E</b>	<b>-</b>
	1065M	-
	1066C	-
	1069E	-
	1070H	-
	1072E	-
	<b>1073N</b>	<b>-</b>
	1074T	-
	1075D	-
	<b>1077F</b>	<b>I</b>
	<b>1078D</b>	<b>-</b>
	<b>1079E</b>	<b>N</b>
	1084E	-
	1085K	I
	1087D	-
	<b>1088D</b>	<b>N</b>
	1089D	-
	<b>1090H</b>	<b>N</b>
	1091G	-
	1092B	-
	1095J	E
	<b>1096F</b>	<b>E</b>
	1100N	E
	<b>1101C</b>	<b>E</b>
	<b>1102G</b>	<b>E</b>
	1103C (Cancelled)	-
	1104D (Cancelled)	-
	1105D (Cancelled)	-
	1106M	E,P
	<b>1107G</b>	<b>I</b>
	1109C (Cancelled)	-
	1110B (Cancelled)	-
	1111B (Cancelled)	-
	1112J	I,P
	1113J	I,P
	1114D	-
	1115E	E,P
	1116B Development	E
	1117B	I,E,P
	1120B (Cancelled)	-
	1121B (Cancelled)	-
	1122B (Cancelled)	-
	1123C (Cancelled)	-
	1125C	E,P
	<b>1127E</b>	<b>-</b>
	<b>1128D</b>	<b>-</b>
	1129B	-

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	<b>1130C</b>	-
	<b>1161F</b>	-
	1162E	-
	<b>1163J</b>	-
	<b>1164F</b>	-
	<b>1165E</b>	-
	1166B (Cancelled)	-
	<b>1167H</b>	-
	<b>1168E</b>	-
	1169B (Cancelled)	-
	1170P	N
	<b>1172B</b>	-
	1174D	-
	1175D	-
	1176D	E
	1177C	E
	<b>1179C</b>	-
	1180F	Q
	<b>1181D</b>	<b>Q</b>
	<b>1182H</b>	<b>E</b>
	<b>1183D</b>	-
	1184B (Cancelled)	-
	1185N	N
	1186E	N,P
	1188E	E,P
	<b>1191L</b>	-
	<b>1192K</b>	-
	1193H	I
	<b>1194G</b>	-
	<b>1195B</b>	-
	1196C	-
	<b>1197D</b>	-
	1198H	-
	1199F	-
	1201K	E
	1202AK	I
	1204E	-
	<b>1209Y</b>	<b>I</b>
	1210P	I
	<b>1212L</b>	<b>I</b>
	<b>1213H</b>	<b>E</b>
	<b>1214T</b>	<b>I</b>
	1215R	I
	<b>1216R</b>	<b>I</b>
	1217H	I
	1219F (Cancelled)	-
	1220M	I
	1221A	I,E
	1222D	-
	1223J	-
	1224K	I
	1225K	I
	1227N	I,E
	1228K	I
	1229B (Cancelled)	-

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	1231J	-
	1232G	I
	1233G	-
	1234B (Cancelled)	-
	1238 Development	
	1240D (Cancelled)	-
	1241D	-
	1242C (Cancelled)	-
	1250C (Cancelled)	-
	1251A (Cancelled)	-
	1260R	-
	1262V	E
	<b>1264R</b>	<b>E</b>
	1265R	E
	1266B (Cancelled)	-
	1267H	E
	1269C	E
	1270J	I,P
	1271K	I,P
	1272N	E
	1273L	E
	1274K	-
	1275C (Cancelled)	-
	<b>1276F</b>	<b>E</b>
	1277C (Cancelled)	-
	1279D	N
	1281A	-
	1282A	-
	1292--	
	1300A	I
	<b>1302G</b>	<b>Q</b>
	<b>1303D</b>	<b>Q</b>
	1304K	Q
	<b>1306H</b>	<b>Q</b>
	<b>1307G</b>	<b>Q</b>
	1310G	Q
	1311AC	N
	<b>1312N</b>	<b>N</b>
	1313E	Q
	<b>1314V</b>	<b>N</b>
	1315G	Q
	<b>1316H</b>	<b>Q</b>
	<b>1317H</b>	<b>Q</b>
	1318J	Q
	1319G	Q
	1320N	N
	<b>1321R</b>	<b>N</b>
	<b>1322M</b>	<b>N</b>
	<b>1323K</b>	<b>Q</b>
	1324K	N
	<b>1325U Cancelled</b>	<b>N</b>
	<b>1327G</b>	<b>N</b>
	<b>1328H</b>	<b>Q</b>
	1330E	N
	1331D	Q

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	1333R	N
	1334L	N
	1335N	N
	1337AD	N
	<i>1338P</i>	<i>N</i>
	<i>1339H</i>	<i>N</i>
	<i>1340F</i>	-
	<i>1341J</i>	<i>N</i>
	<i>1342M</i>	<i>N</i>
	<i>1346M</i>	<i>N</i>
	1347E	Q
	<i>1348R</i>	<i>N</i>
	1349R	N
	<i>1351K</i>	<i>I</i>
	1352U	N
	1353K	-
	1355J	-
	1356T	-
	<i>1358H</i>	<i>N</i>
	1359F	N
	<i>1360F</i>	<i>N</i>
	<i>1361F</i>	<i>I</i>
	<i>1362D</i>	<i>Q</i>
	<i>1364E</i>	<i>Q</i>
	1365U	N
	<i>1367D</i>	<i>Q</i>
	<i>1368E</i>	<i>I</i>
	1369K	N
	1370H	I
	1372E	I
	<i>1373J</i>	<i>N</i>
	1374C	Q
	1375U	N
	1376L	N
	1377C	-
	1378N	N
	<i>1379N</i>	<i>N</i>
	<i>1380E</i>	<i>Q</i>
	1381D	N
	<i>1382J</i>	<i>N</i>
	1383E	N
	1384C	N
	<i>1385E</i>	<i>N</i>
	1386R	N
	<i>1387D</i>	<i>N</i>
	<i>1388E</i>	<i>N</i>
	<i>1389E</i>	<i>N,P</i>
	<i>1390E</i>	<i>E</i>
	1392R	I,E
	1393H	N
	<i>1394F</i>	<i>I,E</i>
	<i>1395H</i>	<i>I,E</i>
	1397D	N
	1398C	N
	1404C	I,E,P

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	1405A Development	I,E
	<b>1419H</b>	<b>I</b>
	1422AH	I,E,P
	1426N	I,P
	1427A	-
	1428A	I,E
	1429B	I,E
	1430A	I,E
	1431B	I,E
	1432B	I,P
	1433A	I
	1434A	-
	1435A	I
	1436B	I
	1437C	I,P
	1438A	-
	1439A	I,E
	1440B	I,E
	1441A (Cancelled)	-
	1442A (Cancelled)	-
	1443A (Cancelled)	-
	1444C (Cancelled)	-
	1447L	I
	1448F	I
	1449F	I
	<b>1451W</b>	<b>I</b>
	1455Y	I
	<b>1456T</b>	<b>I</b>
	1462B (Cancelled)	-
	<b>1464D</b>	<b>-</b>
	<b>1467F</b>	<b>I,E</b>
	<b>1468E</b>	<b>-</b>
	1469P	I
	1470C (Cancelled)	-
	1471M	I
	<b>1472F</b>	<b>I,P</b>
	1473C (Cancelled)	-
	1474E	-
	1475D	-
	<b>1476D</b>	<b>I</b>
	1477E	I
	1478D	-
	1479A	-
	1480AB	I,E
	1482E (Cancelled)	-
	1483F	I,P
	1484AA	I,E
	<b>1485J</b>	<b>I</b>
	1487L	I,E
	1488B (Cancelled)	-
	<b>1489F</b>	<b>I</b>
	1490H (Cancelled)	-
	1491F (Cancelled)	-
	1492D (Cancelled)	-
	1493F (Cancelled)	-

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	1495G	I,E
	<b>1496E</b>	<b>I,E,P</b>
	1497B Development	I
	1498A	I
	1499A	I,E
	6000D (Cancelled)	-
	6005D (Cancelled)	-
	6009D (Cancelled)	-
	6015C (Cancelled)	-
	6020D (Cancelled)	-
	6021E (Cancelled)	N,Q
	6031E (Cancelled)	-
	6032D (Cancelled)	-
	6033E (Cancelled)	-
	6051D (Cancelled)	N
	6058D (Cancelled)	N
	6059F (Cancelled)	N
	6060B (Cancelled)	N
	6061D (Cancelled)	-
	6062C (Cancelled)	N
	6063C (Cancelled)	N
	6064D (Cancelled)	-
	6068-- (Cancelled)	N
	6069B (Cancelled)	-
	36000Y	N
	<b>36001H</b>	<b>N</b>
	<b>36002H</b>	<b>N</b>
	* <b>36003T</b>	N
	<b>36004F</b>	<b>N</b>
	<b>36007J</b>	<b>N</b>
	<b>36008G</b>	<b>N</b>
	<b>36009E</b>	<b>N</b>
	<b>36010F</b>	<b>N</b>
	<b>36011F</b>	<b>N</b>
	36013J	N
	36014J	N
	36015J	N
	36016J	N
	36017J	N
	<b>36019G</b>	<b>N</b>
	<b>36020G</b>	<b>N</b>
	36022G	N
	<b>36023D</b>	<b>N</b>
	36024B	-
	<b>36025G</b>	<b>N</b>
	36026F	N
	36027L	N
	<b>36028H</b>	<b>N</b>
	36029M	N
	<b>36030H</b>	<b>N</b>
	<b>36031H</b>	<b>N</b>
	<b>36032G</b>	<b>N</b>
	<b>36033F</b>	<b>N</b>
	<b>36035K</b>	<b>N</b>
	<b>36036E</b>	<b>N</b>

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Revision Date 04/2018

Updated Quarterly - January, April, July, October

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	Spec Revision	Spec Code
	36038G	N
	36040B	N
	36043F	-
	<b>36045F</b>	<b>N</b>
	<b>36047K</b>	<b>N</b>
	36048G	N
	<b>36050G</b>	<b>N</b>
	36052E	N
	36053H	N
	36054F	N
	36055D	-
	36056D	-
	<b>36057G</b>	<b>N</b>
	<b>36058C</b>	<b>N</b>
	<b>36060C</b>	<b>N</b>
	36061E	N
	<b>36063D</b>	<b>N</b>
	<b>36064C</b>	<b>N</b>
	<b>36066C</b>	<b>N</b>
	36067F	N
	36071C	N
	<b>36072E</b>	<b>N</b>
	<b>36074D</b>	<b>Q</b>
	<b>36075C</b>	<b>N</b>
	<b>36076C</b>	<b>Q</b>
	<b>36081D</b>	<b>Q</b>
	<b>36084C</b>	<b>N</b>
	36085V	E,N
	36086G	N
	36087M	N
	36090B	-
	<b>36092D</b>	<b>N</b>
	<b>36093D</b>	<b>N</b>
	36095J	E
	36096F	E
	36097H	N
	<b>36098C</b>	<b>N</b>
	36099G	N
	36100J	N
	36101D	Q,P
	<b>36102C</b>	<b>N</b>
	36103D	N
	36104K	E,P
	36105C	N
	36106B	N
	<b>36107B</b>	-
	36108C	E
	36109B (Cancelled)	N
	36110A	-
	36111C	N
	36112F	N
	36113--	N
	36114C	N
	36116F	N
	36117K	N

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	Spec Revision	Spec Code
	36118H	N
	36119E	N
	<b>36120D</b>	<b>E</b>
	<b>36121D</b>	<b>E</b>
	36123A	E
	36127A	N
	36129A	N
	36130C	I
	36133A	-
	36134C (Cancelled)	I
	36136B	N
	36137A	E
	36138--	N
	36139A	Q
	36140G	I
	36141--	E
	36142F (Cancelled)	-
	36145B (Cancelled)	N
	36148A	I,E
	<b>36150H</b>	-
	36151F	E
	36152A (Cancelled)	-
	36156B (Cancelled)	-
	36157E	-
	36158C (Cancelled)	-
	36159D (Cancelled)	-
	36160E	I,E
	36163A	-
	36170C	-
	36176--	N
	36177B	E
	36180H (Cancelled)	Q
	36195A (Cancelled)	-
	36198F	Q
	<b>36200C</b>	<b>N</b>
	36201A	N
	36202A	E
	36203--	N
	36204--	N
	36206E	E,Q
	36207A	E
	36209--	N
	36210D	N
	36211F	N
	36212A	
	<b>36220E</b>	<b>E</b>
	36221E	N
	36222C	N
	36230B	N
	36240L	N
	36241C (Cancelled)	N
	36242C (Cancelled)	E
	36243C (Cancelled)	E
	36245C	N
	36246E	N



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	36247C	-
	<b>36250B</b>	<b>E</b>
	36252C	Q
	36253--	E,P
	36254A	E
	36255B	E,P
	36258B	E
	36259B	N
	36260C	Q
	36261B	E
	36265B	E
	36268B	E
	36269B	N
	36270B	E
	36271--	
	36275C	E
	36276-- Development	
	36280F	I
	36281D	I
	36282--	E
	36285B	N
	36286A Development	-
	36288B	-
	36289--	E
	36290C	E,P
	36291C	E,P
	36294B	N
	36295C	E
	36296--	N
	36298A	I
	36299A	I
	36301D	E
	36302D	E,P
	36303B	E,P
	36304C	E,P
	36305B	E,P
	36306E	E,P
	36307B	E, P
	36309D	E,P
	36310A Development	E
	36311B	E
	36313B	-
	36314B	I
	36318A	N
	36319A	N
	<b>36321D</b>	<b>I,E</b>
	36322C	E,P
	36323B	E
	36325B	N,P
	36326C	N,P
	36327B	N,P
	36328B	N,P
	36330F	E,P
	36331F	N
	36332E	N

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	36333D	N
	36334B	N
	36335B	E,P
	36336A	N,P
	36339G	N
	36338-- Development	
	36340C (Cancelled)	-
	36341D	N
	36344--	N
	36345B	N
	36346B	N
	36347B	N
	36348B	N
	<b>36349E</b>	<b>N,P</b>
	<b>36350D</b>	<b>N,P</b>
	36351E	-
	36352E	-
	36353F	N
	36354J	N
	<b>36355B</b>	<b>N</b>
	<b>36356H</b>	<b>N</b>
	36357C (Cancelled)	-
	<b>36358C</b>	<b>N</b>
	36359C (Cancelled)	-
	36360C (Cancelled)	-
	36361M	N
	36362B (Cancelled)	-
	36363B	E
	36364E	N
	36365B (Cancelled)	-
	36366B (Cancelled)	-
	<b>36367C</b>	<b>-</b>
	<b>36368E</b>	<b>N</b>
	36369C	E
	<b>36370C</b>	<b>Q</b>
	36371G	-
	36372J	N
	36373D	N
	36374C	-
	36375B	N
	36376C	N
	36377C	-
	36380A Development	-
	36381D	N
	36382--	N
	36383--	C
	36384--	N
	36385C	N
	36386A	E,P
	36387--	N
	36388A	N
	36390D	N,P
	36391A	N
	36392C	E,P
	36393C	E,P

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	36395F	E
	<b>36400C</b>	<b>N</b>
	<b>36401D Cancelled</b>	<b>N</b>
	36402F	N
	<b>36403D</b>	<b>N</b>
	<b>36404D</b>	<b>N</b>
	<b>36405E</b>	<b>N</b>
	<b>36406F</b>	<b>N</b>
	36407L	N
	<b>36408F</b>	<b>N</b>
	36409D	N
	<b>36410D</b>	<b>N</b>
	36411G	N
	36412C	N
	36413D	N
	36414F	N
	36415A	N
	36416B	N
	<b>36417C</b>	<b>N</b>
	36418M	N
	36419M	N
	<b>36420C</b>	<b>N</b>
	36421G	N
	36422K	N
	36423B	-
	<b>36424E</b>	<b>N</b>
	36425K	N
	36426F	N
	36427D	N
	36428A	N
	36429B	N
	36430B	N
	36431H	N
	<b>36432C</b>	<b>N</b>
	<b>36433J</b>	<b>N</b>
	36434G	N
	36435H	N
	36436E	N
	36437C	N
	36438D	N
	36440C	N
	36441A	N
	36442C	N
	36443J	N
	36444C	N
	36445G	E
	36446D	N
	36447F	N
	36448B	N
	36450L	-
	36451D	N
	<b>36452D</b>	<b>E,N</b>
	36453L	N
	36454D	N
	36455E	N

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	36456E	N
	36457C	N
	36458C	N
	36459F	N
	36460F	N
	36461E	N
	36462D	N
	36463G	N
	36464D	N
	36465C	N
	36466F	N
	36467A	N,P
	36468B	N
	36474A	N
	36475B	N
	36476A	N
	36477C	N
	36478C	N
	36479A	N
	36480B	N
	36481C	N
	36482F	N
	36483B	N
	36484C	N
	36485A	N
	36486B	N
	36487C	N
	<b>36489A</b>	<b>Q</b>
	36490F	N
	36491C	N
	36493C	N
	36497B	E
	36498A	E
	36499A	E
	36500C	N
	<b>36501C</b>	<b>N</b>
	<b>36502C</b>	<b>N</b>
	<b>36503B</b>	<b>N</b>
	<b>36504B</b>	<b>N</b>
	<b>36505C</b>	<b>N</b>
	<b>36506B</b>	<b>N</b>
	36507D	N
	36508C	-
	<b>36509G</b>	<b>N</b>
	<b>36510K</b>	<b>N</b>
	36511A	N
	<b>36512B</b>	<b>N</b>
	36513C	-
	<b>36514F</b>	<b>N</b>
	* <b>36515F</b>	N
	36516L	N
	36518D	-
	36519E	N
	36520B	N
	36521B	N, P

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	36522B	E
	<b>36523A</b>	<b>N</b>
	<b>36525--</b>	<b>N</b>
	36530A	E
	36545R	N
	36546B	E,Q
	36541--	
	36550C	E,Q
	36555A	N
	36561A (Cancelled)	-
	<b>36564--</b>	<b>N</b>
	36568D	N
	36569B	N
	36579--	N
	36580A Cancelled	-
	36595B	N
	36599C	-
	36600F	C
	36603F	-
	36604E	N
	36610L	E,Q,C
	36611A	N
	36612A	N
	36614A	E,C
	36615F	E,Q,C
	36617-- Development	C
	36618-- Development	C
	* <b>36619D</b>	C
	36623A	E,C
	36630A Development	C
	36631A Development	C
	36632A Development	C
	36633A Development	C
	36640D	C
	36641-- Development	N
	36650J	E,Q,C
	36653A Development	C
	36655F	E,Q,C
	36658A Development	C
	36660--	C
	36661A Development	C
	36662A Development	C
	36663A Development	C
	36667-- Development	
	36670D	E,Q,C
	36673A Development	C
	36675A Development	C
	36678A Development	C
	36680A	C
	36683B (Cancelled)	Q
	36691-- Development	C
	36692-- Development	C
	36693-- Development	C
	36700F	-
	<b>36701D</b>	-

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	36702A	Q
	36704C	N
	36705E (Cancelled)	N
	36706B	N
	<b>36707C</b>	<b>N</b>
	36708B	N
	36709C	N
	36710A	N
	36711B	N
	36712B (Cancelled)	N
	36713--	N
	36714--	N
	36717--	N
	* <b>36718H</b>	C
	36719--	N
	36720--	N

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	36721--	N
	36722--	
	36739D	N
	<b>36745C</b>	<b>N</b>
	36746C	N
	<b>36747B</b>	<b>N</b>
	36749C (Cancelled)	-
	<b>36750C</b>	<b>N</b>
	36751K	N
	36752D	N
	36753E	N
	36754C (Cancelled)	-
	36755E	N
	36756D	N
	36757D	N
	<b>36758B</b>	<b>N</b>
	36759C	N
	36760D	N
	36761A	N
	36762--	N
	36763--	
	36764--	
	36767A	N
	36768--	N
	36779--	N
	36799--	N
	36800AB	E,Q,C
	36801E	C
	36803B	-
	36804D	C
	36806D	N
	36807D	C
	36808A	C
	36809--	
	36819-- Development	E
	36820D	E
	36821D	E
	36824B	C
	36830C	<b>E</b>
	36840F	E,P
	36841D	E
	36842C	E,P
	36848B (Cancelled)	-
	36849A	Q
	36850B (Cancelled)	-
	36859B	E
	36860N	E,Q,C
	36900J	C
	36901F	-
	36904A	E
	36905C	E
	<b>36906G</b>	<b>Q</b>
	36907A	E
	36909B (Cancelled)	E
	36910G	E,Q,C

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	36913D	N
	36915C	Q
	36916A	-
	36917A	E
	36920C	E



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	36921C	E
	36925A Development	-
	36926A	E
	36927A	E
	36930F	Q
	36932L	P
	36933C	Q,P
	36935D	N
	36937H	N
	36946A	N
	36947G	N
	36948G	N
	<b>36949B</b>	-
	36950N	E,Q
	36951D	Q
	<b>36952L</b>	<b>E,P</b>
	36953E	N,Q
	36954C (Cancelled)	-
	36955F	E
	36956B (Cancelled)	-
	36958C (Cancelled)	-
	<b>36959F</b>	<b>E,P</b>
	36960B	Q
	<b>36961C</b>	<b>N</b>
	36962B	-
	36963D	E
	36964C (Cancelled)	-
	36965G	Q
	36968C	E
	36970B	Q
	36971B (Cancelled)	E
	36972B	E
	36974B	E,P
	36975A	N,Q
	36980--	E
	36990G	C
	36995A	N
	+ 36997-- Development	
	36999F	E
	79050A	E
	79059C	E
	79070--	-
	79071--	
	79079A	
	79112A	Q
	79113--	Q
	79151A Development	N
	79168B (Cancelled)	-
	79183A	E
	79184--	E
	79197E	E, N
	79200F	I
	79201B	I
	79202-- Development	
	79210C (Cancelled)	N

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	79216C	E
	79220B	I
	79226-- Development	E
	79230--	I
	79240A Development	N
	79255--	I
	79260--	I
	79261--	-
	79301A	E
	79302B	E
	79304C	-
	79305B	-
	79306B	-
	79307A	-
	79308A	-
	79309A	-
	79311C	-
	79312B	-
	79313B	-
	79315B	-
	79316B	-
	79317--	-
	79318--	-
	79321D	-
	79325--	-
	79326--	-
	79332C	-
	79333B	-
	79340--	-
	79341F	-
	79342--	-
	79345D	-
	79346A	-
	+ 79347--	
	79348--	
	79349--	
	79357A	-
	79360D	-
	79385B	N,Q
	79418A	N
	79465B	N
	79547A	I
	79555A	I
	79575A	-
	79583B	I
	79659--	E
	79706--	
	79800B	N
	79802A	N
	79803--	N
	79804--	N
	79805--	E
	79809A	N
	79810A	N
	79811--	
	79818--	N
	79822B	E

**P&W Production & Development Specifications - (PWA)****PWA Spec Codes**

**C** = Controlled  
**E** = Engineering Source Approved  
**I** = Engineering source Approved for Ingot and/or Forging Stock  
**N** = Sources Listed in Specification  
**P** = Patent Notice Applies  
**Q** = Sources Qualified by MCL (PWA Source Qualification List)



***PWA Specifications Inactive for New Designs (In Italics) - Highlighted in Green - \* to the left indicates revision***

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+ Added Since Previous Edition of 1/25/18

Revision Date 04/2018

Updated Quarterly - January, April, July, October

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	Spec Revision	Spec Code
	79825--	E
	79837A	N
	79842--	N
	79843--	
	79844A	N
	79878--	N,P
	<b>79900C</b>	-
	<b>79901B</b>	-
	<b>79902A</b>	-
	<b>79903A</b>	-
	<b>79904A</b>	-
	<b>79905B</b>	-
	<b>79906--</b>	-
	<b>79907A</b>	-
	<b>79908A</b>	-
	<b>79909A</b>	-
	<b>79910A</b>	-
	<b>79911D</b>	-
	<b>79912B</b>	-
	<b>79913A</b>	-
	<b>79914A</b>	-
	<b>79915A</b>	-
	<b>79916--</b>	-
	<b>79917--</b>	-
	<b>79918--</b>	-
	<b>79919--</b>	-
	<b>79920--</b>	-
	<b>79921--</b>	-
	79951A (Cancelled)	-

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+ Added Since Previous Edition of 1/25/18

Revision Date 04/2018

Updated Quarterly - January, April, July, October

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**P&W Specification Supplements (PWA-S)**  
**Which Modify & are an Integral Part of**  
**Aerospace Material Specifications (AMS) Requirements**

Reference specification PWA-360 Section A4.2.2 Modifications to specified documents.

In certain instances, the PW Engineering Department modifies requirements cited in industry or government documents specified on engineering drawings (e.g., AMS - Aerospace Material Specifications) by issuing a PWA Spec Supplement. Normally, the spec supplement appears on both the engineering drawing and the P&W Purchase Order. However, where a spec supplement has been issued but does not appear on the engineering drawing, interpret the drawing as invoking the supplement: for example; the other requirement "AMS 4928 TI ALLOY" shall be interpreted as equivalent to "AMS 4928 & PWA-S-4928 TI ALLOY". A listing of issued PWA Spec Supplements is as listed below.

Some drawings may refer to other PWA-S, not noted below; these requirements are now incorporated in the basic AMS or have been cancelled.

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	PWA-S Spec. Rev.	Spec. Code
	2400G	Q
	2404B	Q
	2406F	Q
	2410D	Q
	2412B	Q
	2416D	Q
	2417B	Q
	2424F	Q
	2426B Cancelled	-
	2430C	Q
	2433A	E
	2444A	-
	2470D	Q
	2471B	Q
	2474--	
	2475A Cancelled	-
	2477--	
	2515B Cancelled	-
	2664T	E,Q
	2675N	E,Q
	3021--	
	3110B	-
	4116B	-
	4117C	-
	4120C	-
	4150B	-
	4161B	-
	4427H	-
	4778C Cancelled	-
	4900C Cancelled	-
	4914A	-
	4928P	-
	4951A Cancelled	-
	5390B	-
	5442A	I
	5508C	-
	5556A	-
	5557A	-
	5562A Cancelled	-
	5568A	-
	5581A	-
	5589A Cancelled	-
	5596D	-
	5616J	I
	5617A	-
	5660H	I
	5662K	I
	5663G	I
	5666--	
	5668A Cancelled	-
	5719A	I
	5732J	I
	5733E	I
	5735E	-

**P&W Specification Supplements (PWA-S)**  
**Which Modify & are an Integral Part of**  
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Reference specification PWA-360 Section A4.2.2 Modifications to specified documents.

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	PWA-S Spec. Rev.	Spec. Code
5758A Cancelled		-
5772B		-
5867--		-
6304K		I
6305A		I
6308A		-
6414B		I
6415E		I
6532A		I
6945A		N
7223A		-
7228A		-
7229A Cancelled		-
7233C		-
7310--		-
7454A Cancelled		-
7459A Cancelled		-
7464A Cancelled		-
7470C		-
7471E		-
7473D		-
7474A Cancelled		-
7477C		-
7478C		-
7479A		-
7875A		Q
7879A		Q

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+ Added Since Previous Edition of 1/25/18

Revision Date 04/2018

Updated Quarterly - January, April, July, October



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## PWPS Power Systems Specifications (Industrial Gas Turbine)

### PWA Spec Codes

**C** = Controlled

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**I** = Engineering source Approved for Ingot and/or Forging S

**N** = Sources Listed in Specification

**P** = Patent Notice Applies

**Q** = Sources Qualified by MCL (PWA Source Qualification List)

	Spec Revision	Spec. Code
	2001A	N
	2002--	-
	2003--	-
	2004--	P
	2005--	P
	2006A	-
	2007--	-
	2008--	-
	2009--	-
	2010--	-
	2011A	-
	2012A	N
	2013--	N
	2014--	N
	2015A	N
	2016A	N
	2017A	N

\* Revised Since Previous Edition of 1/25/18

+ Added Since Previous Edition of 1/25/18

Revision Date 04/2018

Updated Quarterly - January, April, July, October

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SPEC_NO	REV	CODE	STATUS
3501	N	MP	
83104PG	E	MP	
83114JR	J	MP	
CMS4000	C	MP	
CMS4000ADD	G	MP	
CP16.01-01	E	QS	
CP17.50-05	K	D	
CP17.50-10	C	D	Cancelled
CPS1000	--	MP	
CPS1000-01	--	MP	
CPS1020	A	MP	
CPS1020-01	A	MP	
CPS1020-01ADD	C	MP	
CPS1020ADD	C	MP	
CPS11000	A	MP	
CQ13.01-03-09	A	D	Inactive for New Designs
DM03	E	D	Inactive for New Designs
DM04	E	D	Inactive for New Designs
DS2214	A	CRS	
DS2399	C	PPS	
DS2952	A	PPS	
DS2953	C	PPS	
DS2954	A	CRS	
ED742731	P	D	
ED742731ADD	A	D	
EN10.04	AF	D	
EN10.04-01	AE	D	
EN10.04-04	Y	D	
EN10.05	P	D	
EN10.11-01	AE	D	
EN10.11-02	P	D	
EN10.11-03	D	D	Cancelled
EN10.11-04	C	D	Cancelled
EN10.11-05	D	D	

CODE	DEFINITION
ATP	Acceptance Test Procedure
CRS	Component Requirements Specification
D	Design Standard
HS	Hamilton Sundstrand Internal Procedure
MCL	Materials Control Lab Document
MP	Materials & Processes Specification
PPS	Purchase Performance Specification
QS	Quality Specification

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SPEC_NO	REV	CODE	STATUS
EN10.12-06	L	D	
EN10.16-05	R	D	
EN10.16-08	M	D	
EN10.16-10	AP	HS	Cancelled
EN10.16-11	AU	D	
EN10.16-13	AK	D	
EN10.23-01	AL	HS	Cancelled
EN10.24-06	AG	D	
EN10.24-08	W	D	
EN10.24-11	F	D	
EN10.24-12	N	D	
EN10.24-23	B	D	
EN10.32-01	AA	D	
EN10.32-03	AC	D	
EN10.32-08	G	D	
EN10.32-09	D	D	Cancelled
EN10.32-11	L	D	Cancelled
EN10.32-40	A	D	
EN10.35	D	D	
EN10.36	D	HS	Cancelled
EN10.55-12	J	D	Cancelled
EN20.01	--	D	
EN20.04	CF	D	
EN20.05	BG	HS	Cancelled
EN20.05-03	J	D	
EN20.07	H	CRS	
EN20.07-01	F	D	
EN20.07-04	B	D	
EN20.09	E	D	
EN25.40-03	R	D	
EN25.40-03A	D	D	Inactive for New Designs
EN25.40-04	W	D	
EN25.40-05	W	D	
EN25.40-06	L	D	



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SPEC_NO	REV	CODE	STATUS
EN25.40-07	A	D	Inactive for New Designs
EN25.40-08	C	D	Inactive for New Designs
EN25.40-10	P	D	
ES1223	E	PPS	
ES1475	G	CRS	
ES1582	B	CRS	
ES9-1110	E	QS	
ES9-1118	AE	ATP	
ES9-1122	L	ATP	
ES9-21	U	D	Inactive for New Designs
ES9-27	C	QS	
ES9-4	P	D	
ES9-41	--	D	
ES9-42	B	D	
ES9-45	L	MP	
ES9-47	--	D	
ES9-56	C	MP	
ES9-56-1	A	MP	
ES9-56-2	A	MP	
ES9-58	F	MP	
ES9-58-1	D	MP	
ES9-58-2	C	MP	
ES9-6	J	D	Inactive for New Designs
ESR0004	M	QS	
ESR0006	--	QS	
ESR0012	AB	ATP	
ESR0032	B	D	
ESR0055	B	PPS	
ESR0097	D	QS	
ESR0140	--	MP	
ESR0141	--	MP	
ESR0142	--	MP	
ESR0144	C	MP	
ESR0151	H	MCL	

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	SPEC_NO	REV	CODE	STATUS
	ESR0153	B	MP	
	ESR0157	U	MP	
	ESR0160	A	MP	
	ESR0161	C	D	
	ESR0163	D	MP	
	ESR0164	A	MP	
	ESR0183	J	PPS	
	ESR0304	D	D	
	ESR0306	D	CRS	
	ESR0317	A	CRS	
	ESR0345	B	CRS	
	ESR0356	D	PPS	
	ESR0430	A	PPS	
	ESR0448	--	CRS	
	ESR0458	C	PPS	
	ESR0481	A	MP	
	ESR0494	B	PPS	
	ESR0502	B	CRS	
	ESR0559	C	MCL	
	ESR0560	D	MP	
	+ ESR0591A			
	ESR0611	J	CRS	
	ESR0631	C	MP	
	ESR0650	--	MP	
	ESR0679	B	PPS	
	ESR0693	--	CRS	
	ESR0694	--	PPS	
	ESR0708	AR	ATP	
	ESR0734	--	MP	
	ESR0736	--	ATP	
	ESR0773	C	PPS	
	ESR0780	A	D	
	ESR0788	D	QS	
	ESR0847	--	PPS	

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	SPEC_NO	REV	CODE	STATUS
	ESR0870	B	PPS	
	ESR0871	C	PPS	
	ESR0872	A	PPS	
	ESR0873	--	PPS	
	ESR0874	--	PPS	
	ESR0875	--	PPS	
	ESR0876	--	PPS	
	ESR0877	B	PPS	
	ESR0879	A	ATP	
	ESR0881	A	PPS	
	ESR0883	A	ATP	
	ESR0884	A	CRS	
	ESR0889	B	CRS	
	ESR0904	--	ATP	
	ESR0906	--	PPS	
	ESR0908	--	PPS	
	ESR0909	D	ATP	
	ESR0911	F	PPS	
	ESR0916	A	PPS	
	ESR0917	A	PPS	
	ESR0938	J	ATP	
	ESR0941	C	MP	
	ESR0954	A	ATP	
	ESR0957	B	PPS	
	ESR0960	--	CRS	
	ESR0963	--	PPS	
	ESR0978	B	CRS	
	ESR0995	A	CRS	
	ESR1009	J	MP	
	ESR1020	A	ATP	
	ESR1022	D	PPS	
	ESR1049	--	MP	
	ESR1052	A	PPS	
	* ESR1055A	--	CRS	

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SPEC_NO	REV	CODE	STATUS
ESR1058	B	MP	
ESR1078	H	PPS	
ESR1105	A	MP	
ESR1112	D	CRS	
ESR1113	D	PPS	
ESR1127	A	ATP	
ESR1163	A	CRS	
ESR1164	H	PPS	
ESR1183	A	PPS	
ESR1184	A	PPS	
ESR1185	--	PPS	
+ ESR1183B			
ESR1295	C	PPS	
ESR1302	E	PPS	
ESR1356	--	CRS	
ESR1364	A	PPS	
ESR1375	B	ATP	
ESR1384	B	PPS	
ESR1386	C	D	
ESR1431	--	CRS	
ESR1510	A	ATP	
ESR1532	--	PPS	
ESR1589	--	QS	
ESR1644	B	QS	
ESR1662	--	MP	
ESR1795	C	MP	
ESR1829	--	D	
HS10724	B	MP	
HS1082	C	D	
HS1122	--	QS	
HS12000	F	D	
HS1211	--	QS	
HS12220	B	MP	
HS12220ADD	B	MP	Cancelled

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SPEC_NO	REV	CODE	STATUS
HS12674	E	MP	
HS12674ADD	C	MP	
HS12719	B	QS	
HS12719ADD	B	QS	
HS13472	A	QS	
HS13506	A	MP	
HS13506ADD	A	MP	Cancelled
HS13576	A	MP	
HS13576ADD	A	MP	
HS1360	E	D	
HS140	F	MP	
HS140ADD	A	MP	
HS14589	A	MP	
HS14589ADD	B	MP	
HS14612	A	MP	
HS14612ADD	A	MP	
HS14722	D	MP	Inactive for New Designs
HS14722ADD	A	MP	Cancelled
HS15000	M	D	
HS15000ADD	E	HS	Cancelled
HS15314	F	D	
HS15314ADD	--	D	
HS1550	J	MP	
HS16151	A	MP	
HS16151ADD	B	MP	
HS178	H	MP	
HS191	V	MP	
HS191ADD	T	MP	
HS2053	H	D	
HS2062	H	MP	
HS2073	C	MP	
HS2087	B	MP	
HS2212	G	D	
HS240	D	MP	

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	SPEC_NO	REV	CODE	STATUS
	HS246	M	MP	
	HS248	U	MP	
	HS248ADD	F	MP	
	HS291	F	MP	
	HS31	R	QS	
	HS3150	F	MP	
	HS3197	L	MP	
	HS3197ADD	H	MP	
	HS332	E	MP	
	HS333	AK	D	
	HS334	P	MP	
	HS392	N	MP	
	HS424	AD	MP	
	HS43	M	MP	
	HS43ADD	D	MP	
	HS44	E	MP	
	HS4444	B	D	
	HS447	U	QS	
	HS447ADD	G	QS	
	HS4508	C	D	
	HS453	C	MP	
	HS454	H	MP	
	HS457	A	MP	
	HS461	L	MP	
	HS48	G	MP	
	HS4845	F	QS	
	HS4845ADD	G	QS	
	HS4883	B	MP	
	HS5036	J	MP	
	HS5036ADD	E	MP	
	HS522	D	MP	
	HS523	C	MP	
	HS5263	P	PPS	
	HS5598	B	MP	

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SPEC_NO	REV	CODE	STATUS
HS5623	E	MP	
HS5803	B	MP	
HS67	N	MP	
HS7014	A	MP	
HS7434	G	MP	
HS7434ADD	L	MP	
HS750	E	MP	
HS760	C	MP	
HS7725	B	MCL	
HS7725ADD	A	MCL	
HS841	G	QS	
HS851	B	MCL	
HS9138	E	D	
HS915	B	MP	
HS915ADD	--	MP	
HS923	AA	MP	
HS923ADD	F	MP	
HS93	K	QS	
HSC0001	A	D	
HSC16022	--	CRS	
HSC16199	D	D	
HSF-5138.00	--	HS	Cancelled
HSM17	T	HS	Cancelled
HT0985	4	HS	Cancelled
HT0990	6	HS	Cancelled
JDM10.06	F	D	Inactive for New Designs
MS02.40-01	D	MP	
MS02.40-01ADD	--	MP	
MS02.43	AF	MP	
MS02.43_ADDENDUM	--	MP	
MS02.43-01	--	MP	
MS02.44	B	MP	
MS06.04	U	MP	
MS06.B	N	MP	

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SPEC_NO	REV	CODE	STATUS
MS10.25	M	MP	
MS10.25_ADDENDUM	--	MP	Cancelled
MS11.18-01	H	MP	
MS18.02	B	MP	Inactive for New Designs
MS20.01	AW	MP	
MS20.04	D	MP	
MS21.07	G	MP	
MS28.01	V	MP	
MS28.02	F	MP	
MS28.04	H	MP	
MS28.05	C	MP	
MS28.07	A	MP	
MS28.08	--	MP	
MS28.10	--	MP	
MS29.01-01	F	MP	Inactive for New Designs
MS29.01-02	N	MP	
MS29.01-03	N	MP	
MS29.01-05	F	MP	
MS29.01-06	B	MP	
MS29.01-07	--	MP	
MS29.01-08	J	MP	
MS29.01-11	A	MP	
MS29.01-12	A	MP	
MS29.01-13	A	MP	
MS29.02	F	MP	
MS29.03	B	MP	
MS29.04	J	MP	
MS29.05-01	G	MP	
MS29.05-02	G	MP	
MS29.05-03	A	MP	
MS34.00-01	U	MP	
MS34.00-02	A	MP	
MS34.28-05	J	MP	
MS34.28-05ADD	--	MP	



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SPEC_NO	REV	CODE	STATUS
MS34.28-20	B	MP	
MS34.28-55	B	MP	
MS34.28-55ADD	--	MP	
MS34.28-56	A	MP	
MS34.28-57	--	MP	
MS34.28-59	B	MP	
MS34.28-59ADD	--	MP	Cancelled
MS34.28-60	B	MP	
MS34.28-60ADD	A	MP	
MS34.28-64	--	MP	
MS34.28-66	A	MP	
MS34.28-66ADD	--	MP	
MS34.28-74	--	MP	
MS34.30-10	L	MP	
MS34.30-10ADD	B	MP	
MS34.30-19	H	MP	
MS34.30-19_ADDENDUM	--	MP	
MS34.30-20	G	MP	
MS34.31-05	M	MP	
MS34.31-05ADD	--	MP	
MS34.31-07	H	MP	
MS34.33	B	MP	
MS34.40-06	M	MP	
MS34.40-06ADD	--	MP	
MS34.40-12	C	MP	
MS34.40-19	B	MP	
MS34.40-21	C	MP	
MS34.40-28	A	MP	
MS34.40-29	C	MP	
MS34.40-30	B	MP	
MS34.40-31	D	MP	
MS34.40-33	F	MP	
MS34.40-33ADD	--	MP	
MS34.50-01	AB	MP	

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SPEC_NO	REV	CODE	STATUS
MS34.50-04	F	MP	
MS34.50-05	D	MP	
MS34.50-06	E	MP	
MS34.50-07	C	MP	
MS34.52-01	AB	MP	Inactive for New Designs
MS34.52-02	T	MP	
MS34.52-03	R	MP	
MS34.52-04	E	MP	
MS34.52-05	F	MP	Cancelled
MS34.52-06	H	MP	
MS34.52-09	B	MP	
MS34.52-12	--	MP	
MS35.07	D	MP	
MS35.11	B	MP	
MS35.12	C	MP	
MS37.09-01	AE	MP	
MS37.14	AD	MP	
MS37.15	AD	MP	
MS37.15ADD	--	MP	
MS37.30	B	MP	
MS37.30ADD	--	MP	
MS37.33	--	MP	
MS38.01-04	G	MP	
MS40.16	H	MP	
MS40.16ADD	--	MP	
MS45.09	A	MP	
PN02.01	CC	D	
PN02.01-02	D	D	
PN02.01-03	A	D	
PN02.01-04	--	QS	
PN02.01-05	--	QS	
PN02.02	E	D	
PN02.03	K	MCL	
PN02.04	--	D	

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SPEC_NO	REV	CODE	STATUS
PN02.05	--	D	
PN02.07	K	QS	
PN02.13	A	D	
PN02.14	--	MCL	
PN03.01	B	D	
PN03.03	A	D	
PN04.01-03	A	MP	
PN04.02-04	B	QS	
PN04.03	--	D	
PN04.05-01	--	MP	
PN05.15	BJ	MP	
PN05.16-01	B	MP	Cancelled
PN05.17	H	MP	
PN05.19	C	MP	
PN05.23	S	MP	Inactive for New Designs
PN05.26	J	MP	Inactive for New Designs
PN05.27	B	MP	Inactive for New Designs
PN05.29	AD	MP	
PN05.32	E	MP	
PN05.41	W	MP	
PN05.41-03	R	MP	
PN05.41-05	C	MP	
PN05.48	B	MP	
PN07.40	G	MP	
PN07.41	M	MP	
PN09.0000-N	F	MP	
PN09.0000-SR-5	C	MP	
PN09.0000-SR-6	B	MP	
PN09.17-4-PH	V	MP	
PN09.17-7-PH	C	MP	
PN09.2802-A-1	C	MP	
PN09.410-HD	C	MP	
PN09.4340-HD	E	MP	
PN09.440-HFD	D	MP	

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SPEC_NO	REV	CODE	STATUS
PN09.52100-HDF	G	MP	
PN09.52100-HF	D	MP	
PN09.52100-MF	J	MP	
PN09.6419-H2D	G	MP	
PN09.6470-CN	E	MP	
PN09.9310-CHDF	B	MP	
PN09.9315-CA	F	MP	
PN09.9315-CHF	AA	MP	
PN09.9315-CMF	P	MP	
PN09.CP10V-H2D2	B	MP	
PN09.CP10V-H3D2	G	MP	
PN09.HWDS-AC-1	B	MP	
PN09.HWDS-CN	K	MP	
PN09.HWDS-H2D-1	F	MP	
PN09.HWDS-H3D	F	MP	
PN09.IRON-HD	C	MP	
PN09.IRON-ND-1	F	MP	
PN09.PREFACE	BR	MP	
PN099310-CHDF	J	MP	
PN12.02	D	MP	
PN12.03	J	MP	
PN12.03SUPI	A	MP	
PN12.03SUPII	--	MP	
PN12.03SUPIII	--	MP	
PN12.03SUPIV	B	MP	
PN13.02	K	MP	
PN13.04	AF	MCL	
PN13.05-06	U	MP	
PN13.06	N	MP	
PN13.12-03	F	MP	
PN13.17	K	MCL	
PN14.05-01	H	MP	
PN14.05-01S1	--	MP	Inactive for New Designs
PN14.05A	R	MP	

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SPEC_NO	REV	CODE	STATUS
PN14.06-01	AA	MP	
PN14.06-02	--	MP	
PN14.06-03	B	MP	
PN14.08-02	B	MP	
PN14.10	AB	MP	
PN14.10-01	C	MP	
PN14.12	AH	MP	
PN14.13	--	MP	
PN14.16-03	AA	MP	
PN14.16-04	F	MP	
PN14.30	L	MP	
PN14.40	G	MP	
PN14.50	BA	MP	
PN14.50-03	P	MP	
PN14.52	H	MP	
PN14.52-02	A	MP	
PN14.55	--	MP	
PN14.58	K	MP	
PN14.59	F	MP	
PN15.01	AV	MP	
PN15.01-03	C	MP	
PN15.10	D	MCL	
PN15.12	W	MP	
PN15.32	R	MP	
PN15.34	B	MP	
PN15.40	V	MP	
PN15.43	P	MCL	
PN15.47	L	MP	
PN15.52-01	B	D	Inactive for New Designs
PN15.55	Y	MP	
PN15.66	F	MP	
PN15.67	E	MCL	
PN16.01	AL	QS	
PN16.01-01	C	QS	

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SPEC_NO	REV	CODE	STATUS
PN16.03	AV	QS	
PN16.03-01	C	QS	
PN16.03-02	B	QS	Inactive for New Designs
PN16.03-02SUP1	B	QS	Inactive for New Designs
PN16.03-04	B	QS	
PN16.03-07	A	QS	
PN16.04	AM	QS	
PN16.05	AK	QS	
PN16.05SUP1	A	QS	Inactive for New Designs
PN16.06	Y	QS	
PN16.06-03	D	QS	
PN16.16	--	MCL	
PN16.17	G	MCL	
PN16.19	C	MCL	
PN16.21	A	D	
PN17.09-01	V	MP	
PN17.10-06	B	MP	
PN17.10-13	D	MP	
PN17.10-14	H	MP	
PN17.10-15	F	MP	
PN17.10-17	D	MP	
PN17.10-26	D	MP	
PN17.10-31	E	MP	
PN17.10-34	B	MP	
PN17.10-39	A	MP	
PN17.10-43	C	MP	
PN17.10-45	A	MP	
PN17.10-46	A	MP	
PN17.10-49	A	MP	
PN17.24	F	PPS	
PN17.26-04	F	MP	
PN17.26-09	A	MP	
PN17.26-10	AA	PPS	
PN17.27-13	C	MP	

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SPEC_NO	REV	CODE	STATUS
PN17.28-05	B	MP	
PN17.31	W	PPS	
PN17.33	Y	D	
PN17.33-01	C	D	
PN17.36	AM	D	
PN17.42	T	D	
PN17.43	D	D	
PN17.50	DP	D	
PN17.50-01	L	D	
PN17.51	G	PPS	
PN17.53	M	PPS	
PN17.70-01	AG	D	
PN17.70-02	F	D	
PN17.70-03	H	D	
PN17.70-06	C	D	
PN17.70-07	C	D	
PN18.03	L	D	
PN18.06	--	D	
PN19.54	--	PPS	
PN19.59	--	MP	
PN23.01	A	D	
PN26.03	F	MP	
PN26.03-01	K	MP	
PN26.04	U	PPS	
PN26.04-01	G	PPS	
PN26.05	L	PPS	
PN26.05-01	AF	PPS	
PN26.06	--	PPS	
PN26.09	M	PPS	
PN26.09-01	C	PPS	
PN26.10	B	PPS	
PN26.11	E	PPS	
PN26.12	K	PPS	
PN26.13	C	PPS	

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	SPEC_NO	REV	CODE	STATUS
	PN29.03	D	D	
	PN29.07	A	MP	
	PN29.08	A	MP	
	PN29.12	--	D	
	PN30.03	A	MP	
	PN43.01	B	MP	
	PS30.01	L	MP	
	QC13.01-03	V	MCL	
	QC13.02	L	MCL	
	SP0130	12	HS	Cancelled
	SP0532	2	HS	Cancelled
	SP1228	29	HS	Cancelled
	SP1236	4	MCL	
	SVHS14130	D	MP	Inactive for New Designs
	SVHS15460	C	MP	Inactive for New Designs
	SVHS3717	E	D	Inactive for New Designs
	TS2491	D	ATP	
	TS5372	C	ATP	
	TS5515	C	ATP	

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Updated Quarterly - January, April, July, October

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<b>Bond Inspection Standards</b>	
BIS-1K	
BIS-3A	
BIS-4E	Redacted
BIS-6C	Cancelled - Use VIS-114
BIS-7C	Cancelled - Use VIS-114
BIS-9C	
BIS-10B	
BIS-11C	
BIS-12A	
BIS-13B	
BIS14-B	

<b>Composite Inspection Standard</b>	
CIS-1F	New Standard

<b>Contamination Detection Standards</b>	
CDS-1B	
CDS-2D	Cancelled - Use VIS-322 & VIS-23
CDS-3D	
CDS-4A	

<b>Crystallographic Verification Standards</b>	
CVS-1A	Cancelled - Use CVS-12
CVS-2F	Cancelled - Use CVS-12
CVS-4E	
CVS-6P	Cancelled - Use CVS-12
CVS-8E	Cancelled - Use CVS-12
CVS-9B	Cancelled - Use CVS-12
CVS-10A	
CVS-11A	
CVS-12P	
CVS-13B	Cancelled - Use CVS-12
CVS-14	New
CVS-15B	

<b>Dimensional Control Standards</b>	
Preface B	
1 Master P	
1-1M	
DCS-1-1.1D	
DCS-1.1.2C	
DCS-1.13F	
DCS-1-1.4D	
DCS-1-1.5D	
DCS-1-1.6D	
DCS-1-1.7E	
DCS-1-3G	
DCS-1-4C	
DCS-1-5D	
DCS-1-6B	
DCS-1-7E	
DCS-1-8D	
DCS-1-9B	
DCS-1-10D	
DCS-1-11C	
DCS-1-12C	
DCS-1-13B	
DCS-1-14D	
DCS-1-15C	
DCS-1-16C	
DCS-1-17C	
DCS-1-18C	
DCS-1-19B	
DCS-1-20B	
DCS-1-21B	
DCS-1-22B	
DCS-1-23B	
DCS-1-24D	
DCS-1-25E	
DCS-1-26B	
DCS-1-27D	
DCS-1-28C	
DCS-1-29D	
DCS-1-30B	
DCS-1-31E	

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DCS-1-32D	
DCS-1-33D	
DCS-1-33D	
DCS-1-34D	
DCS-1-35D	
DCS-1-36F	
DCS-1-37C	
DCS-1-38D	
DCS-1-39G	
DCS-1-40C	
DCS-1-41D	
DCS-1-42C	
DCS-1-43C	
DCS-1-44C	
DCS-1-45B	
DCS-1-46B	
DCS-1-47C	
DCS-1-48C	
DCS-1-49D	
DCS-1-50C	
DCS-1-51D	
DCS-1-52D	
DCS-1-53C	
DCS-1-54B	
DCS-1-55E	
DCS-1-56E	
DCS-1-57K	
DCS-1-58T	
DCS-1-59H	
DCS-1-60J	
DCS-1-61E	
DCS-1-62G	
DCS-1-63G	
DCS-1-64H	
DCS-1-65H	
DCS-1-66H	
DCS-1-67G	
DCS-1-68F	
DCS-1-69F	
DCS-1-70D	
DCS-1-71D	
DCS-1-72B	
DCS-1-73E	
DCS-1-74B	
DCS-1-75A	
DCS-1-76Y	
DCS-1-100E	
DCS-1-101E	
DCS-1-102E	
DCS-1-103D	
DCS-1-104D	
DCS-1-105D	
DCS-1-106F	
DCS-1-150D	Obsoleted - No further requirements
DCS-1-151B	Obsoleted - No further requirements
DCS-1-152A	Obsoleted - No further requirements
DSC-197	New
DCS-1-200D	
DCS-1-201A	
DCS-1-202B	
DCS-1-203B	
DCS-1-204A	
DCS-1-205D	
DCS-1-206A	
DCS-1-207A	
DCS-1-208B	
DCS-1-209D	
DCS-1-210A	
DCS-1-211H	
DCS-1-212F	
DCS-1-213C	
DCS-1-214B	
DCS-1-215K	
DCS-1-216T	
DCS-1-217L	
DCS-1-218C	
DCS-1-219M	
DCS-1-220D	Obsoleted - Use DCS-1-219
DCS-1-250A	
DCS-1-251B	
DCS-1-260B	Obsoleted - No further requirements
DCS-1-261B	Obsoleted - No further requirements

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DCS-2A	Cancelled - No longer required
DCS-3L	
DCS-4A	Obsoleted - Use DCS-1
DCS-5A	Obsoleted - Use QEP 7.2.33
DCS-6	Obsoleted - Use PW-QA-6080
DCS-7 Master D	
DCS-7-1A	
DCS-7-2A	
DCS-7-3A	
DCS-7-4A	
DCS-7-5A	
DCS-7-6A	
DCS-7-7A	
DCS-7-8A	
DCS-7-9A	
DCS-7-10A	
DCS-7-11B	
DCS-7-12A	
DCS-7-12.1A	
DCS-7-12.2A	
DCS-7-13A	
DCS-7-14A	
DCS-7-15A	
DCS-7-16A	
DCS-7-17A	
DCS-7-18A	
DCS-7-19A	
DCS-7-20A	
DCS-7-30A	
DCS-7-40A	
DCS-7-48A	
DCS-7-49A	
DCS-7-50A	
DCS-7-51A	
DCS-7-52A	
DCS-7-53A	
DCS-7-54A	
DCS-7-55A	
DCS-7-55.1A	
DCS-7-56A	
DCS-7-57A	
DCS-7-57.1A	
DCS-7-57.2A	
DCS-7-58A	
DCS-7-59A	
DCS-7-60A	
DCS-7-61A	
DCS-7-62A	
DCS-7-63A	
DCS-7-64A	
DCS-7-65A	
DCS-7-70A	
DCS-7-80A	
DCS-8 Master L	
DCS-8-1E	
DCS-8-2B	Cancelled - Use DCM 8-2
DCS-8-3L	
DCS-8-4B	
DCS-8-5B	
DCS-8-6B	
DCS-8-7C	
DCS-8-8A	
DCS-8-9D	Cancelled - Use DCM-8
DCS-8-10A	
DCS-8-11A	
DCS-8-12C	
DCS-8-13A	
DCS-8-14A	Obsoleted
DCS-8-15B	
DCS-8-17C	
DCS-8-18B	
DCS-8-19C	
DCS-8-20A	
DCS-8-21A	
DCS-8-22A	
DCS-8-23A	
DCS-8-25A	
DCS-8-26A	
DCS-8-27B	
DCS-8-28A	
DCS-8-29A	
DCS-8-30A	

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DCS-8-31A	
DCS-8-32A	
DCS-8-33A	
DCS-8-34A	
DCS-8-35A	Cancelled - No further requirements
DCS-8-36A	Cancelled-Functional Test requirements-F404 parts
DCS-8-37A	
DCS-8-38A	
DCS-8-39A	
DCS-9B	Obsoleted - No longer required
DCS-10M	
DCS-12D	
DCS-13D	
DCS-14F	Cancelled - Use ASQR-01
DCS-15A	Obsoleted
DCS-16A	Cancelled - Use HIM-1
DCS-17 Master D	Cancelled - Use HIM-1
DCS-17-1	Cancelled - Use HIM-1
DCS-17-2	Cancelled - Use HIM-1
DCS-17-3A	Cancelled - Use HIM-1
DCS-17-4	Cancelled - Use HIM-1
DCS-17-5	Cancelled - Use HIM-1
DCS-17-6	Cancelled - Use HIM-1
DCS17-7A	Cancelled - Use HIM-1
DCS17-9	
DCS-18-C	
DCS-20-G	
DCS-22A	Obsoleted
DCS-23W	
DCS-24	Obsoleted
DCS-25A	Obsoleted
DCS-27B	Obsoleted - No longer required
DCS-28A	Obsoleted
DCS-29E	
DCS-30A	Cancelled - Use PWA 360
DCS-31C	
DCS-33A	Obsoleted
DCS-34E	
DCS-35C	
DCS-36A	Obsoleted
DCS-37H	
DCS-38C	
DCS-39B	
DCS-40C	
DCS-41F	
DCS-42D	
DCS-43C	
DCS-44G	
DCS-46A	
DCS-47B	Cancelled
DCS-48H	
DCS-49A	Obsoleted
DCS-50B	
DCS-51F	
DCS-52E	
DCS-53C	
DCS-54C	
DCS-56G	
DCS-57D	
DCS-58D	Cancelled - Use PWA 350
DCS-59C	Cancelled
DCS-60E	
DCS-60 Appendix AU	
DCS-61B	
DCS-63B	Obsoleted - No longer required
DCS-64B	Cancelled - Use DCM 2
DCS-65B	Cancelled
DCS-68D	
DCS-68B Appendix	Redacted
DCS-71D	
DCS-72D	
DCS-75C	Cancelled
DCS-76B	
DCS-77C	Cancelled
DCS-78A	Obsoleted - No further requirements
DCS-79B	Cancelled
DCS-80	Cancelled - Use PWA 355
DCS-83	Obsoleted - No further requirements
DCS-85A	Cancelled-No longer required due to ECR system
DCS-85B Appendix	
DCS-86B	Cancelled
DCS-88A	Cancelled - Use ASQR-01

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DCS-89B	Cancelled
DCS-90A	Cancelled
DCS-91A	Cancelled
DCS-92J	
DCS-94A	Cancelled - Use PWA-310
DCS-95D	
DCS-98B	Cancelled
DCS-99A	Cancelled - Use PWA-357
DCS-101B	
DCS-104B	Cancelled - Use VIS-454
DCS-105A	Cancelled - Use ASQ
DCS-106B	
DCS-107A	
DCS-108A	Obsoleted - No longer required
DCS-109B	
DCS-109 App. C	
DCS-110B	Cancelled - Use DCM-5
DCS-111-1A	Obsoleted - No longer required
DCS-111-2A	Obsoleted - No longer required
DCS-111-3A	Obsoleted - No longer required
DCS-111-4A	Obsoleted - No longer required
DCS-111-5A	Obsoleted - No longer required
DCS-111-6A	Obsoleted - No longer required
DCS-111-7A	Obsoleted - No longer required
DCS-111-8A	Obsoleted - No longer required
DCS-111-9A	Obsoleted - No longer required
DCS-111-10A	Obsoleted - No longer required
DCS-111-12A	Obsoleted - No longer required
DCS-111-13A	Obsoleted - No longer required
DCS-111-14A	Obsoleted - No longer required
DCS-111-15A	Obsoleted - No longer required
DCS-111-16A	Obsoleted - No longer required
DCS-111-17A	Obsoleted - No longer required
DCS-111-18A	Obsoleted - No longer required
DCS-111-19A	Obsoleted - No longer required
DCS-111-20C	Obsoleted - No longer required
DCS-111-21A	Obsoleted - No longer required
DCS-111-25A	Obsoleted - No longer required
DCS-111-28A	Obsoleted - No longer required
DCS-111-29A	Obsoleted - No longer required
DCS-111-31A	Obsoleted - No longer required
DCS-119B	
DCS-120B	
DCS-120A Appendix	
DCS-121A	
DCS-123C	
DCS-123C Appendix	
DCS-124A	Cancelled
DCS-125D	
DCS-126B	
DCS-127A	
DCS-129A	
DCS-130A	
DCS-131C	
DCS-132A	
DCS-133B	
DCS-135B	Obsoleted - No longer required
DCS-139A	Obsoleted - No longer required
DCS-140A	
DCS-141B	
DCS-142A	
DCS-145B	
DCS-145 Appendix A	
DCS-146B	
DCS-148B	
DCS-149H	
DCS-150B	
DCS-151A	
DCS-152C	
DCS-153D	
DCS-154C	
DCS-155C	
DCS-156D	
DCS-157A	
DCS-158A	
DCS-159A	Cancelled
DCS-161C	
DCS-162A	
DCS-163E	
DCS-164A	Cancelled
DCS-165D	
DCS-166A	

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Updated Quarterly - January, April, July, October

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DCS-167A	
DCS-168A	
DCS-169B	
DCS-170A	
DCS-171A	
DCS-172B	
DCS-173F	Redacted
DCS-174D	
* DCS-174 App. JB	
DCS-175C	
DCS-176C	
DCS-177A	
DCS-178G	
DCS-179B	
DCS-181A	
DCS-182A	
DCS-183A	
DCS-184B	
DCS-186C	
DCS-187C	
DCS-189A	Cancelled
DCS-190A	
DCS-191A	
DCS-193A	
DCS-194C	
DCS-195A	
DCS-196A	
DCS-199	New
DCS-197A	
DCS-198A	
DCS-200A	New
DCS-205B	
DCS-206	New
+ DCS-212	Initial Release
DCS-300A	Cancelled
DCS-302A	Obsoleted
DCS-303G	Cancelled
DCS-304E	

<b>Eddy Current Standards</b>	
ECS-Master-C	
ECS-1D	
ECS-2B	
ECS-3A	Cancelled
ECS-4C	
ECS-5C	
ECS-6C	
ECS-7C	
ECS-8C	
ECS-9D	
ECS-10F	
ECS-11C	
ECS-12B	
ECS-15C	
ECS-16B	
ECS-18G	
ECS-20B	Obsoleted - No longer required
ECS-21A	Obsoleted - No longer required
ECS-22D	Obsoleted - No longer required
ECS-23A	Obsoleted - No longer required
ECS-24A	Obsoleted - No longer required
ECS-25A	Obsoleted - No longer required
ECS-26A	Obsoleted - No longer required
ECS-27A	Obsoleted - No longer required
ECS-28B	Obsoleted - No longer required
ECS-29C	Obsoleted - No longer required
ECS-30B	Obsoleted - No longer required
ECS-31A	Obsoleted - No longer required
ECS-32A	Obsoleted - No longer required
ECS-33C	
ECS-34A	Obsoleted - No longer required
ECS-35G	
ECS-36A	Cancelled
ECS-37B	Obsoleted - No longer required
ECS-38B	Obsoleted - No longer required
ECS-42B	Cancelled
ECS-43A	
ECS-44E	
ECS-45J	
ECS-46D	
ECS-47C	

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+ Added Since Previous Edition of 1/25/18



Revision Date 04/2018

Updated Quarterly - January, April, July, October

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ECS-48C	
ECS-49D	
ECS-50F	
ECS-51A	
ECS-52C	
ECS-53A	
ECS-54A	
ECS-55A	
ECS-56 New	
ECS-300A	
ECS-301E	

<b>Etch Inspection Standards</b>	
EIS-Master-N	
EIS-1D	
EIS-2J	
EIS-3A	Obsoleted-No longer required
EIS-4A	Obsoleted-No longer required
EIS-5B	
EIS-6B	
EIS-7A	Obsoleted-No longer required
EIS-9	Obsoleted-Use GSS-16
EIS-10B	Obsoleted-Use GSS-17
EIS-12	Cancelled
EIS-13W	
EIS-14C	Cancelled
EIS-15P	
EIS-17F	
EIS-19G	
EIS-20A	
EIS-21C	Redacted
EIS-100A	Cancelled
EIS-300A	Cancelled
EIS-302	Obsoleted-Use GSS-303
EIS-370	Cancelled-Use Rolls-Royce QAS Z.16
EIS-371A	Obsoleted-No further requirements

<b>Fracture Critical Parts Standards</b>	
FCPS-1F	
FCPS-2H	
FCPS-3B	

<b>Fluorescent Penetrant Standards</b>	
FPS-Master-W	
FPS-1A	Obsoleted-No further requirements
FPS-2B	Obsoleted-No further requirements
FPS-3B	Obsoleted-No further requirements
FPS-4	Obsoleted
FPS-5N	Obsoleted-No further requirements
FPS-6	Obsoleted-Use FPS-37
FPS-7A	Obsoleted-F100 PW-229 Diffuser Cases
FPS-8	Obsoleted
FPS-9A	Cancelled-Use FPS-37
FPS-10D	
FPS-12D	
FPS-14F	Cancelled
FPS-15	Cancelled
FPS-16E	Cancelled-Use FPS-38 Code C
FPS-17L	Cancelled
FPS-18N	
FPS-19C	Cancelled-Use FPS-38
FPS-20D	
FPS-21	Obsoleted
FPS-22C	
FPS-23	Obsoleted
FPS-24G	
FPS-25C	
FPS-26D	
FPS-27B	Cancelled
FPS-28B	Cancelled
FPS-30H	
FPS-31D	
FPS-32C	
FPS-33E	
FPS-34D	
FPS-35A	Cancelled
FPS-36C	Cancelled
FPS-37V	
FPS-38R	Redacted

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FPS-39C	Cancelled
FPS-40D	Cancelled-Use FPS-38 Code A
FPS-41K	Redacted
FPS-42A	Cancelled
FPS-43A	Cancelled
FPS-44A	
FPS-45A	Cancelled
FPS-46P	Redacted
FPS-47R	Redacted
FPS-49M	
FPS-51A	Obsoleted-No further requirements
FPS-52A	
FPS-53A	
FPS-54B	
FPS-55A	Obsoleted-Use FPS-38
FPS-56A	Cancelled-Use FPS-24
FPS-58B	Cancelled-No further requirements
FPS-59B	
FPS-61H	
FPS-62D	Cancelled-Use FPS-38 Code B
FPS-63A	Cancelled-No further requirements
FPS-64E	
FPS-65D	
FPS-67D	
FPS-68C	
FPS-69B	
FPS-71J	
FPS-72G	Cancelled-Use FPS-71
FPS-73B	Cancelled-Use FPVS-16
FPS-74C	
FPS-75A	Obsoleted-No further requirements
FPS-77E	Cancelled
FPS-78A	
FPS-79E	
FPS-80D	
FPS-81C	Cancelled-Use FPVS-10
FPS-83D	Cancelled-Use FPVS-21 Sec.II
FPS-84C	
FPS-86A	Cancelled-No longer used
FPS-87D	
FPS-88C	
FPS-89B	
FPS-90A	
FPS-91A	
FPS-92C	Cancelled-Use FPS-38
FPS-93B	Cancelled-Use FPS-47
FPS-94A	Cancelled-Use FPVS-23
FPS-95B	Cancelled-Use FPS-46
FPS-96K	
FPS-97A	Cancelled-Use FPS-87
FPS-98B	
FPS-99A	Cancelled-Use FPVS-16
FPS-100J	
FPS-102E	
FPS-105D	
FPS-106B	
FPS-107B	
FPS-108B	
FPS-109	New
FPS-200A	Cancelled
FPS-201B	Cancelled
FPS-300B	
FPS-301C	
FPS-302B	
FPS-304B	Cancelled
FPS-305G	Cancelled-Use FPVS-8
FPS-306T	
FPS-307C	Obsoleted-Use FPVS-4
FPS-308D	
FPS-309M	Cancelled-Use FPVS-4
FPS-310B	
FPS-312E	Cancelled-Use FPS-306
FPS-313A	Cancelled
FPS-370A	Obsoleted-No further requirements
FPS-371A	Obsoleted-No further requirements
FPS-372A	Obsoleted-No further requirements
FPS-373A	Obsoleted-No further requirements
FPS-374A	Obsoleted-No further requirements
FPS-701B	Cancelled
FPS-703A	Cancelled
FPS-704A	Cancelled
FPS-705A	Cancelled



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+ Added Since Previous Edition of 1/25/18



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Updated Quarterly - January, April, July, October

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FPS-706A	Cancelled
FPS-707A	Obsoleted-No further requirements
FPS-708A	Obsoleted-No further requirements
FPS-709H	
FPS-A-Vendor A	
FPS INDEX	Cancelled-No further requirements

**Fluorescent Penetrant and/or Visual Inspection Standards**

FPVS-1H	
FPVS-2U	
FPVS-3A	Cancelled-Use FPS-98 and VIS-438
FPVS-4D	Redacted
FPVS-5A	
FPVS-6E	
FPVS-7A	
FPVS-8A	
FPVS-9D	
FPVS-10P	
FPVS-11E	
FPVS-13G	Redacted
FPVS-14B	Cancelled-Use MTP20 and MTP54
FPVS-15E	
FPVS-16A	
FPVS-17B	Cancelled-Use MTP73
FPVS-18E	
FPVS-19F	
FPVS-20D	Redacted
FPVS-21B	Redacted
FPVS-23C	
FPVS-24A	

**Frequency Standards**

FS-1C	
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**Grain Size Standards**

GSS-Master-D	
GSS-3C	
GSS-3D	
GSS-4A	Obsoleted-No further requirements
GSS-5	Obsoleted-Use GSS-12
GSS-6	Obsoleted-Use GSS-8
GSS-7B	Obsoleted-No further requirements
GSS-8R	
GSS-11	Obsoleted-Use GSS-8
GSS-12H	
GSS-13A	Obsoleted-No further requirements
GSS-14B	Cancelled
GSS-15A	Obsoleted-No further requirements
GSS-16C	Redacted
GSS-17C	
GSS-18E	
GSS-19B	Cancelled-Use EIS-17
GSS-21C	
GSS-22B	
GSS-23A	
GSS-24B	
GSS-25H	Redacted
GSS-26B	
GSS-27B	
GSS-29A	Cancelled-Use GSS-25
GSS-30A	Cancelled-Use MTU Spec MTP 118
GSS-31A	
GSS-33A	
GSS-34B	
GSS-35C	
GSS-36	
GSS-300C	Cancelled
GSS-301D	Redacted
GSS-302G	
GSS-303C	
GSS-304A	Cancelled

**Industrial Inspection Standards**

IIS-1001A	Cancelled
IIS-1002A	Cancelled
IIS-1003A	Cancelled
IIS-1004A	Cancelled
IIS-1005A	Cancelled

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Revision Date 04/2018

Updated Quarterly - January, April, July, October

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IIS-1006B	Cancelled
IIS-1007A	Cancelled
IIS-1008A	Cancelled
IIS-1009A	Cancelled
IIS-1010A	Cancelled
IIS-1012A	Cancelled
IIS-1013A	Cancelled

Magnetic Particle Standards	
MPS-Master-F	
MPS-4J	
MPS-5	Obsoleted-No further requirements
MPS-6	Cancelled
MPS-7	Cancelled
MPS-8	Cancelled
MPS-9	Cancelled
MPS-10	Cancelled
MPS-11	Cancelled
MPS-12	Cancelled
MPS-13B	
MPS-15	Cancelled
MPS-16	Cancelled
MPS-17	Cancelled
MPS-18	Cancelled
MPS-19A	Obsoleted-No further requirements
MPS-20C	
MPS-24A	Obsoleted-Use MPS-115
MPS-25D	
MPS-27A	Obsoleted-Use MPS-115
MPS-29B	
MPS-31A	
MPS-33B	
MPS-34B	Obsoleted-No further requirements
MPS-35A	Obsoleted-Use MPS-115
MPS-37A	Obsoleted-Use MPS-115
MPS-38A	Obsoleted-Use MPS-115
MPS-43	Cancelled
MPS-44B	
MPS-47C	
MPS-48A	Obsoleted-Use MPS-47
MPS-50A	Obsoleted-Use MPS-115
MPS-51A	Obsoleted-Use MPS-115
MPS-52A	Obsoleted-Use MPS-115
MPS-56A	Obsoleted-Use MPS-115
MPS-62F	
MPS-64B	Obsoleted-No further requirements
MPS-65	Obsoleted-Use MPS-115
MPS-69	Obsoleted
MPS-70A	Obsoleted-Use MPS-115
MPS-71A	Obsoleted-Use MPS-115
MPS-72A	Obsoleted-Use MPS-115
MPS-73E	
MPS-74E	
MPS-75A	
MPS-77B	Obsoleted-No further requirements
MPS-81B	
MPS-83B	
MPS-84C	
MPS-85B	
MPS-88B	Obsoleted-Use MPS Master
MPS-92	Cancelled
MPS-93B	Cancelled
MPS-96C	
MPS-97	Obsoleted
MPS-98	Obsoleted
MPS-99	Obsoleted
MPS-100	Cancelled
MPS-101E	
MPS-103B	
MPS-104A	Obsoleted-Use MPS-103
MPS-105A	Obsoleted-Use MPS-103
MPS-106B	Obsoleted-No further requirements
MPS-107A	Obsoleted-Use MPS-29 and MPS-111
MPS-108B	Cancelled-No further requirements
MPS-109C	Cancelled
MPS-110	Obsoleted
MPS-111F	
MPS-112A	
MPS-113B	Obsoleted-No further requirements
MPS-114A	Obsoleted-No further requirements
MPS-115B	

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\* Revised Since Previous Edition of 1/25/18  
+ Added Since Previous Edition of 1/25/18



Revision Date 04/2018

Updated Quarterly - January, April, July, October

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MPS-116A	
MPS-117A	
MPS-118A	
MPS-119A	
MPS-200A	Cancelled-No further requirements
MPS-370A	Cancelled-No further requirements
MPS-371A	Cancelled-No further requirements
MPS-372B	Cancelled-No further requirements
MPS-701A	Cancelled
MPS-A-Vendor A	Obsoleted-No further requirements
MPS-B-Vendor B	Obsoleted-No further requirements
MPS-C-Vendor A	Obsoleted-No further requirements
MPS-D-Vendor A	Obsoleted-No further requirements
MPS-E-Vendor A	Cancelled-Refer to MPS-M
MPS-F-Vendor A	Obsoleted-No further requirements
MPS-G-Vendor A	Obsoleted-No further requirements

<b>Power Systems Standards</b>	
PS-FPS-M	Initial Issue
PS-MPS-M	Initial Issue
PS-VIS-M	Initial Issue

<b>Neutron Radiographic Standards</b>	
NRS-1A	

<b>Supplemental Acceptance Standards</b>	
SAS-1AA	
SAS-2P	
SAS-3E	Cancelled-Use VIS-544
SAS-4D	Cancelled
SAS-5G	Cancelled-Use VIS-544
SAS-6G	Cancelled-Use VIS-544
SAS-7A	
SAS-8A	Cancelled
SAS-9A	Cancelled-Use VIS-352
SAS-10C	Cancelled-Use VIS-544
SAS-12A	
SAS-13A	
SAS-14B	
SAS-15A	Cancelled
SAS-16B	
SAS-17A	
SAS-18E	
SAS-20B	Cancelled
SAS-22B	Cancelled
SAS-23A	
SAS-25A	
SAS-27A	Cancelled
SAS-29B	
SAS-30B	
SAS-31B	
SAS-32A	Cancelled
SAS-37A	
SAS-38B	
SAS-39B	
SAS-41A	
SAS-42A	
SAS-43A	
SAS-44B	
SAS-45A	
SAS-46A	
SAS-49C	
SAS-50B	
SAS-51B	
SAS-52A	
SAS-53A	
SAS-54C	
SAS-55A	
SAS-56B	
SAS-57A	
SAS-58B	
SAS-62A	
SAS-63A	
SAS-64B	

<b>Surface Finish Standards</b>	
SFS-Preface A	

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SFS-3A	Cancelled
SFS-5	Cancelled
SFS-11	Cancelled
SFS-18A	Cancelled
SFS-19C	Cancelled
SFS-21A	Cancelled
SFS-22B	Cancelled-Use PWA 362-1
SFS-23D	Cancelled-Use PWA 362-13
SFS-24A	Cancelled-Use PWA 362-2
SFS-25F	Cancelled-Use PWA 362-10
SFS-26C	Cancelled-Use PWA 362-5
SFS-27C	Cancelled-Use PWA 362-3 and PWA 362-4
SFS-28B	Cancelled-Use PWA 362-18
SFS-29B	Cancelled-Use PWA 362-8
SFS-30B	Cancelled-Use PWA 362-8
SFS-31B	Obsoleted-No further requirements
SFS-32B	Obsoleted-No further requirements
SFS-33A	Obsoleted-No further requirements
SFS-34B	Obsoleted-No further requirements
SFS-35A	Obsoleted-No further requirements
SFS-36B	Obsoleted-No further requirements
SFS-37B	Obsoleted-No further requirements
SFS-38B	Obsoleted-No further requirements
SFS-39C	Obsoleted-No further requirements
SFS-45A	Cancelled-Use PWA 362-19
SFS-46A	Cancelled-Use PWA 362-19
SFS-54A	Cancelled
SFS-57A	Cancelled
SFS-59A	Cancelled
SFS-66D	Cancelled-Use PWA 362-15
SFS-67B	Cancelled-Use PWA 362-19
SFS-68D	
SFS-70B	Cancelled-Use PWA 362-20
SFS-71D	
SFS-74A	Cancelled
SFS-75C	Cancelled
SFS-76C	
SFS-77A	Cancelled-Use PWA 362-6
SFS-78B	Cancelled-Use PWA 362-1
SFS-79B	Cancelled-Use PWA 362-23
SFS-80E	Cancelled-Use PWA 362-10
SFS-81C	
SFS-82C	Cancelled
SFS-83E	Cancelled-Use PWA 362
SFS-84A	Cancelled-Use PWA 362-16
SFS-85E	Cancelled-Use PWA 362-11
SFS-87E	Cancelled-Use PWA 362-9
SFS-88B	Cancelled
SFS-89A	Obsoleted-No further requirements
SFS-90A	Obsoleted-No further requirements
SFS-91B	
SFS-92A	Cancelled-Use PWA 362-15
SFS-93A	Cancelled-Use PWA 362-21
SFS-94D	Obsoleted-No further requirements
SFS-95D	Obsoleted-No further requirements
SFS-96D	Obsoleted-No further requirements
SFS-97B	Obsoleted-No further requirements
SFS-98A	Cancelled-Use PWA 362-7
SFS-99	Obsoleted-No further requirements
SFS-100A	Cancelled-Use PWA 362-17
SFS-101A	Cancelled-Use PWA 362-12
SFS-102A	Cancelled-Use PWA 362-14
SFS-103A	

<b>Sonic Inspection Standards</b>	
SIS-Master-E	
SIS-1B	Cancelled-Use SIS-MASTER
SIS-2B	Cancelled-Use SIS-MASTER
SIS-3B	Cancelled-Use SIS-MASTER
SIS-4C	Cancelled-Use SIS-MASTER
SIS-5B	Cancelled-Use SIS-MASTER
SIS-6E	
SIS-7B	Cancelled-Use SIS-MASTER
SIS-9A	Obsoleted-No further requirements
SIS-10A	Obsoleted-No further requirements
SIS-11C	Cancelled-Use SIS-26
SIS-12E	Cancelled-Use SIS-322 Code 16
SIS-13C	
SIS-14	Obsoleted
SIS-15A	
SIS-16D	

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SIS-17B	
SIS-18D	
SIS-19C	
SIS-20A	
SIS-21D	
SIS-22C	Cancelled-Use BIS-1
SIS-23B	
SIS-26C	
SIS-27C	Obsoleted-No further requirements
SIS-30A	Obsoleted-No further requirements
SIS-31A	Cancelled-Use SIS-MASTER
SIS-32B	
SIS-33E	Cancelled-Use SIS-322 Code 8 & SIS-322 Code 16
SIS-35B	Cancelled-Use SIS-322 Code 20
SIS-39A	
SIS-40B	
SIS-42D	
SIS-43M	
SIS-44G	
SIS-45E	
SIS-47A	
SIS-48G	
SIS-49C	
SIS-50A	
SIS-101A	Cancelled
SIS-302B	Redacted
SIS-303A	Obsoleted-Use SIS-MASTER
SIS-304C	
SIS-305B	
SIS-306A	Cancelled-See SIS-311
SIS-307C	
SIS-308A	Cancelled
SIS-309A	Cancelled-Use SIS-322 Code 16
SIS-310A	Obsoleted-No further requirements
SIS-311B	
SIS-313B	Obsoleted-No further requirements
SIS-314A	Cancelled-Use SIS-322 Code 32
SIS-315B	
SIS-316B	Cancelled-Use SIS-322 Code 16
SIS-318A	Cancelled-Use SIS-322 Code 16
SIS-322J	
SIS-323B	Cancelled
SIS-325B	
SIS-326E	
SIS-327G	
SIS-328B	
SIS-329B	
SIS-330C	
SIS-331A	
SIS-332A	
SIS-333C	
SIS-334	
SIS-370A	Obsoleted-No further requirements
SIS-371A	Obsoleted-No further requirements
SIS-373B	

<b>Surface Temper Standards</b>	
STS-Master-C	
STS-1A	Obsoleted-No further requirements
STS-2B	Obsoleted-No further requirements
STS-3A	Obsoleted-No further requirements
STS-4B	Obsoleted-No further requirements
STS-5B	Cancelled-Use STS-17 Code A
STS-6A	Obsoleted-No further requirements
STS-7A	Obsoleted-No further requirements
STS-8B	Cancelled-Use STS-17 Code B
STS-9B	Cancelled-Use STS-17 Code E
STS-10A	Obsoleted-No further requirements
STS-11A	Obsoleted-No further requirements
STS-12B	Cancelled-Use STS-17 Code C
STS-13B	Cancelled-Use STS-17 Code D
STS-14A	
STS-15A	
STS-16A	Obsoleted-No further requirements
STS-17B	
STS-100B	Cancelled-No further requirements
STS-A Vendor-C	Cancelled-Refer to STS-M

<b>Visual Inspection Standards</b>	
VIS-Master AA	

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\* Revised Since Previous Edition of 1/25/18  
+ Added Since Previous Edition of 1/25/18



Revision Date 04/2018

Updated Quarterly - January, April, July, October

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VIS-1A	Cancelled
VIS-2A	Cancelled
VIS-3A	Cancelled
VIS-4AH	Redacted
VIS-5A	Obsoleted
VIS-6A	Obsoleted
VIS-7U	
VIS-10	Cancelled
VIS-11E	Cancelled-Use VIS-21
VIS-12K	
VIS-14L	
VIS-15C	Cancelled-Use MM-148
VIS-16AC	Cancelled-Use VIS-544
VIS-18D	Cancelled-Use VIS-23
VIS-19B	Obsoleted-Use VIS-53
VIS-20A	Obsoleted
VIS-21AA	
VIS-22J	
VIS-23AD	
VIS-24B	Obsoleted-No further requirements
VIS-25A	Cancelled-Use PWA-362 (pg.3&4)
VIS-26B	Obsoleted-No further requirements
VIS-27F	Redacted
VIS-28C	
VIS-29E	
VIS-30T	
VIS-31B	Obsoleted
VIS-32D	
VIS-33B	
VIS-34A	Obsoleted
VIS-35A	Obsoleted
VIS-36D	Obsoleted
VIS-37P	Cancelled-Use VIS-114
VIS-38B	Obsoleted
VIS-39K	Redacted
VIS-40B	Obsoleted-No further requirements
VIS-41B	Obsoleted
VIS-43B	
VIS-44C	
VIS-45H	
VIS-46M	Redacted
VIS-48	Obsoleted
VIS-49A	Obsoleted
VIS-50G	
VIS-51	Obsoleted
VIS-52B	Obsoleted
VIS-53H	
VIS-54	Obsoleted
VIS-55	Obsoleted
VIS-56A	Obsoleted
VIS-57A	Obsoleted
VIS-58H	
VIS-60B	Obsoleted
VIS-61	Obsoleted
VIS-62C	
VIS-63A	
VIS-64B	Obsoleted
VIS-65C	
VIS-66G	
VIS-67D	Redacted
VIS-68C	Cancelled-Use VIS-109
VIS-70B	Obsoleted
VIS-71A	Obsoleted
VIS-72K	
VIS-73A	Obsoleted
VIS-74E	
VIS-75	Obsoleted
VIS-77A	Obsoleted
VIS-79	Obsoleted
VIS-82A	Obsoleted
VIS-83J	Cancelled-Use VIS-103
VIS-84C	Obsoleted-Use VIS-12
VIS-85B	
VIS-86A	Obsoleted-No further requirements
VIS-88B	
VIS-89B	
VIS-90A	
VIS-91L	Cancelled-Use VIS-454 Code A
VIS-92A	Obsoleted
VIS-93A	
VIS-94M	
VIS-97A	

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VIS-98B	
VIS-99F	
VIS-100B	
VIS-101A	Cancelled-Use VIS-454
VIS-103AG	Redacted
VIS-104F	
VIS-105B	
VIS-107A	Obsoleted-No further requirements
VIS-108H	
VIS-109F	Redacted
VIS-110D	Cancelled
VIS-111C	Cancelled
VIS-112A	
VIS-113B	
VIS-114V	
VIS-115C	
VIS-116A	Obsoleted-No further requirements
VIS-117L	
VIS-119A	
VIS-120D	
VIS-121B	
VIS-123C	
VIS-124A	Obsoleted
VIS-125F	
VIS-126B	Obsoleted-Use VIS-FC-602
VIS-127F	Cancelled
VIS-129B	Cancelled (Parts for VIS-129 shall be inspected to VIS-226 Code A)
VIS-131F	
VIS-132C	
VIS-134A	Cancelled
VIS-135A	
VIS-136A	Obsoleted-No further requirements
VIS-138A	
VIS-139D	
VIS-140A	
VIS-141A	Cancelled-Use VIS-109
VIS-143T	
VIS-144G	
VIS-145A	
VIS-146A	Obsoleted
VIS-147B	
VIS-148A	Cancelled
VIS-149A	
VIS-150N	Redacted
VIS-151D	
VIS-152F	
VIS-153C	
VIS-154E	
VIS-155C	Redacted
VIS-158B	
VIS-159C	
VIS-160D	
VIS-161C	
VIS-163K	Redacted
VIS-165E	
VIS-166A	Obsoleted-No further requirements
VIS-167H	Redacted
VIS-168A	Cancelled-No further requirements
VIS-174B	
VIS-175C	
VIS-176A	Obsoleted-No further requirements
VIS-177D	
VIS-178B	Cancelled-Use VIS-369 or VIS-493
VIS-179A	Cancelled-Use VIS-369
VIS-180A	
VIS-181A	Cancelled-Use VIS-183
VIS-182H	
VIS-183B	
VIS-184C	
VIS-185A	Obsoleted-No further requirements
VIS-186E	
VIS-187D	
VIS-188C	
VIS-189A	
VIS-190C	
VIS-191B	
VIS-194A	Cancelled
VIS-195C	Cancelled
VIS-196B	Cancelled
VIS-197H	
VIS-198B	

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VIS-199A	Cancelled
VIS-200B	Cancelled
VIS-201D	
VIS-203C	
VIS-204C	Cancelled-Use VIS-184
VIS-205A	Cancelled-Use VIS-235
VIS-206C	
VIS-207A	Cancelled
VIS-208A	
VIS-209C	
VIS-210B	
VIS-211C	Redacted
VIS-212H	
VIS-213G	
VIS-214C	Cancelled-Use VIS-544
VIS-215B	Cancelled-Use VIS-271
VIS-216A	Cancelled
VIS-217C	
VIS-218A	
VIS-219A	
VIS-220A	
VIS-221B	
VIS-223E	
VIS-224A	
VIS-225C	
VIS-226K	Redacted
VIS-227C	
VIS-228B	
VIS-229G	
VIS-230H	Redacted
VIS-231A	Cancelled-Use VIS-544
VIS-233B	Cancelled-Use FPVS-16
VIS-234D	
VIS-235G	
VIS-236A	Obsoleted-No further requirements
VIS-237A	
VIS-238M	
VIS-239B	Cancelled-Use VIS-105
VIS-243B	Cancelled-Use VIS-408
VIS-245A	
VIS-246D	
VIS-247A	
VIS-250A	
VIS-251A	Cancelled
VIS-252K	Redacted
VIS-253F	Cancelled-Use VIS-544
VIS-254A	
VIS-255A	
VIS-256J	
VIS-258B	
VIS-259C	
VIS-260B	
VIS-262A	
VIS-263C	Cancelled-Use VIS-544
VIS-265C	Cancelled-Use VIS-485
VIS-266B	
VIS-267E	
VIS-268D	
VIS-269D	
VIS-271D	
VIS-272A	
VIS-273B	
VIS-274A	
VIS-277B	Cancelled-Use VIS-454 Code B
VIS-279A	Cancelled-No longer used
VIS-281E	
VIS-282E	Cancelled-Engines for which VIS-282 is specified shall be inspected to Engineering Requirements
VIS-283C	Cancelled-Engines for which VIS-283 is specified shall be inspected to Engineering Requirements
VIS-284D	Cancelled-Engines for which VIS-284 is specified shall be inspected to Engineering Requirements
VIS-285D	Cancelled-Engines for which VIS-285 is specified shall be inspected to Engineering Requirements
VIS-286AA	
VIS-287A	
VIS-288C	
VIS-290F	
VIS-291A	
VIS-292C	Cancelled-Engines for which VIS-292 is specified shall be inspected to Engineering Requirements
VIS-293K	Redacted



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VIS-294A	Cancelled
VIS-295A	
VIS-296A	
VIS-297A	Cancelled-Use VIS-258
VIS-298G	
VIS-299A	
VIS-300C	
VIS-301E	
VIS-302C	
VIS-304C	
VIS-305C	
VIS-306C	
VIS-308C	
VIS-309E	
VIS-310C	
VIS-311J	
VIS-313C	Cancelled-No further requirements
VIS-315A	Obsoleted-No further requirements
VIS-316D	
VIS-317C	Obsoleted-No further requirements
VIS-318D	
VIS-319A	Obsoleted-No further requirements
VIS-320	Obsoleted
VIS-321C	
VIS-322W	
VIS-323J	Cancelled-Use VIS-322
VIS-325L	
VIS-327A	Obsoleted- Use PWA-349
VIS-328G	
VIS-329D	Cancelled-Use VIS-108
VIS-333A	Cancelled-Use MCL Manual
VIS-335C	
VIS-337D	
VIS-341D	Cancelled-Use FPVS-4
VIS-343A	
VIS-344B	Cancelled-Use VIS-229
VIS-347C	
VIS-348D	Cancelled-Use VIS-518
VIS-349H	Cancelled-Use VIS-544
VIS-350E	
VIS-351A	Obsoleted
VIS-352D	
VIS-353C	Cancelled-Use FPVS-21 Sec. I & II
VIS-356A	
VIS-357B	
VIS-359C	Cancelled-Use VIS-544
VIS-360A	
VIS-361A	
VIS-363D	
VIS-364A	
VIS-365C	
VIS-366B	
VIS-369T	
VIS-370A	Cancelled-No further requirements
VIS-371A	Cancelled-No further requirements
VIS-372A	Cancelled-No further requirements
VIS-373B	Cancelled-No further requirements
VIS-374A	Cancelled-No further requirements
VIS-375A	Cancelled-No further requirements
VIS-376A	Cancelled-No further requirements
VIS-377A	Cancelled-No further requirements
VIS-378C	Cancelled-No further requirements
VIS-379B	Cancelled-No further requirements
VIS-380D	Cancelled-No further requirements
VIS-381C	Cancelled-No further requirements
VIS-382D	Cancelled-No further requirements
VIS-383A	Cancelled-No further requirements
VIS-384C	Cancelled-No further requirements
VIS-385B	Cancelled-No further requirements
VIS-386B	Cancelled-No further requirements
VIS-387B	Cancelled-No further requirements
VIS-388D	Cancelled-No further requirements
VIS-390D	Cancelled-No further requirements
VIS-400C	
VIS-401A	
VIS-402A	
VIS-403D	
VIS-404A	Cancelled-PW 404 Engine Fabricated Sheet Metal Parts
VIS-406A	
VIS-407A	
VIS-408E	
VIS-409B	

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VIS-410C	
VIS-411N	
VIS-412D	
VIS-413A	Cancelled-Use VIS-544
VIS-414B	Cancelled-Use VIS-23
VIS-415A	Cancelled-Use VIS-109
VIS-416A	
VIS-417A	Cancelled-Use VIS-226 Code A Limits
VIS-418A	Cancelled-Use FPVS-21
VIS-419B	
VIS-420J	Redacted
VIS-421A	Cancelled-Use VIS-103
VIS-422B	
VIS-424A	Cancelled-No further requirements
VIS-425B	
VIS-426A	Cancelled-Use VIS-4
VIS-428A	
VIS-429B	Cancelled-No further requirements
VIS-431D	Cancelled-Use VIS-544
VIS-432C	
VIS-433B	Cancelled
VIS-434A	
VIS-435B	
VIS-436B	
VIS-438A	
VIS-439A	Cancelled-Use VIS-454 Code A
VIS-440A	Cancelled-Use FPVS-16
VIS-442A	
VIS-443F	
VIS-444B	Cancelled-Use VIS-163
VIS-445C	Cancelled-Use VIS-286
VIS-446D	
VIS-447B	Cancelled-Use VIS-72
VIS-448A	Cancelled-Use VIS-544
VIS-449A	Cancelled-Use VIS-454 Code B
VIS-450C	Cancelled-No further requirements
VIS-451A	Cancelled-No further requirements
VIS-452A	Cancelled
VIS-453B	
VIS-454R	Redacted
VIS-455A	
VIS-456A	
VIS-457B	
VIS-458A	
VIS-459B	
VIS-460A	Obsoleted-No further requirements
VIS-467B	
VIS-468A	Cancelled-No further requirements
VIS-469A	Cancelled-No further requirements
VIS-470A	Cancelled-No further requirements
VIS-471A	Cancelled-No further requirements
VIS-472B	Cancelled-No further requirements
VIS-473B	Cancelled-No further requirements
VIS-474C	
VIS-475E	
VIS-476C	
VIS-478A	Cancelled-Use VIS-99
VIS-479A	
VIS-480B	
VIS-481J	
VIS-482A	Cancelled-No further requirements
VIS-483B	
VIS-484A	
VIS-485H	
VIS-486A	
VIS-488B	
VIS-489A	Cancelled-No further requirements
VIS-492A	Cancelled-No further requirements
VIS-493H	
VIS-494A	Cancelled-Use MTP-40
VIS-495D	
VIS-496B	
VIS-497f	
VIS-500-1B	Cancelled-No further requirements
VIS-500-2B	Cancelled-No further requirements
VIS-500-3A	Cancelled-No further requirements
VIS-500-4A	Cancelled-No further requirements
VIS-501A	
VIS-503C	
VIS-504A	
VIS-505E	Redacted
VIS-506F	

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VIS-508A	
VIS-509F	
VIS-510A	
VIS-511E	
VIS-512B	
VIS-513E	
VIS-515C	
VIS-516A	
VIS-517B	
VIS-518A	
VIS-519A	
VIS-520A	
VIS-521E	
VIS-522A	
VIS-523L	
VIS-525N	
VIS-526H	
VIS-527N	Redacted
VIS-528C	Cancelled-Use VIS-544
VIS-529B	
VIS-530D	
VIS-531C	
VIS-532A	
VIS-533B	
VIS-534B	
VIS-535A	
VIS-536B	
VIS-537A	
VIS-538B	Redacted
VIS-541A	
VIS-542C	Cancelled-Use VIS-544
VIS-543K	
VIS-544P	Redacted
VIS-545E	
VIS-546H	Redacted
VIS-547E	
VIS-548A	
VIS-549J	
VIS-550B	
VIS-552B	
VIS-553A	
VIS-554D	
VIS-555J	
VIS-556A	
VIS-557B	
VIS-558B	
VIS-559C	
VIS-560C	
VIS-561D	
VIS-563C	
VIS-564A	
VIS-565A	
VIS-566B	
VIS-567A	
VIS-568A	
VIS-569B	
VIS-570M	
VIS-571D	
VIS-572D	
VIS-573J	
VIS-574D	
VIS-575A	
VIS-576R	
VIS-578B	
VIS-579A	
VIS-581A	
VIS-583B	
VIS-584C	
VIS-585B	
VIS-586A	
VIS-588C	
VIS-590A	
VIS-591B	
VIS-592B	
VIS-593D	
VIS-594B	
VIS-595C	
VIS-596A	
VIS-597A	
VIS-598M	
VIS-599B	
VIS-600K	

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VIS-601G	
VIS-602D	
VIS-603A	
VIS-606A	
VIS-607A	
VIS-608D	
VIS-609A	
VIS-610A	
VIS-611A	
VIS-613D	
VIS-614B	
VIS-615A	
VIS-616E	
VIS-617V	
VIS-618C	
VIS-619D	
VIS-620C	
VIS-622E	
VIS-625	Revision N/C
VIS-626	
VIS-627	
VIS-628A	
VIS-630	Initial Release
VIS-631	
VIS-632A	
VIS-633B	
VIS-634	New
VIS-635	New
VIS-637C	
VIS-638	New
VIS-639C	
* VIS-640C	
VIS-641B	
VIS-643	New
VIS-644B	New
VIS-645A	New
VIS-646	New
VIS-647	New
* VIS-648A	New
VIS-649	New
VIS-650	New
VIS-651	New
VIS-703B	Cancelled
VIS-704B	
VIS-705A	
VIS-708	New
VIS-710C	
VIS-711	New

<b>Radiographic Inspection Standards</b>	
XRS-Master-N	
XRS-B	Cancelled-Use XRS-Master
XRS-2D	
XRS-3	Obsoleted
XRS-4C	Redacted
XRS-5	Obsoleted
XRS-6P	Cancelled-Use XRS-99
XRS-7	Obsoleted
XRS-8	Obsoleted
XRS-9	Cancelled-Use XRS-Master
XRS-10	Obsoleted-Use XRS-20
XRS-11	Obsoleted-Use PWA-321 or PWA-331
XRS-12B	
XRS-13	Obsoleted
XRS-14	Cancelled-Use XRS-31
XRS-15B	
XRS-16A	Obsoleted-Use PWA-321 or PWA-331
XRS-17L	Redacted
XRS-18E	
XRS-19A	Cancelled
XRS-20H	
XRS-21B	
XRS-22	Obsoleted
XRS-23g	
XRS-24	Obsoleted-Use XRS-23
XRS-25A	Cancelled
XRS-26	Cancelled-Use XRS-20
XRS-27D	
XRS-28B	Obsoleted-No further requirements
XRS-29B	Obsoleted-No further requirements
XRS-30	Cancelled-Use XRS-20

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XRS-31D	
XRS-32P	Redacted
XRS-33P	Redacted
XRS-34B	Obsoleted-No further requirements
XRS-35D	Obsoleted-No further requirements
XRS-36	Cancelled
XRS-37A	Obsoleted-No further requirements
XRS-38A	Cancelled
XRS-39	Cancelled
XRS-40	Cancelled
XRS-41	Cancelled-Use XRS-707
XRS-42B	
XRS-43	Cancelled-Use XRS-45
XRS-44E	Redacted
XRS-45W	
XRS-46A	Obsoleted-No further requirements
XRS-47B	Obsoleted-No further requirements
XRS-48J	Cancelled-Use XRS-99
XRS-49C	
XRS-50B	
XRS-51D	
XRS-52G	
XRS-53B	Cancelled
XRS-56K	
XRS-57D	
XRS-58D	Obsoleted-No further requirements
XRS-59B	
XRS-61E	Obsoleted-No further requirements
XRS-62A	Cancelled
XRS-63C	Cancelled
XRS-65B	
XRS-67A	
XRS-68G	
XRS-69C	
XRS-71F	
XRS-72B	
XRS-75A	Cancelled
XRS-77B	
XRS-78B	
XRS-80A	Cancelled-No Longer Used
XRS-81C	
XRS-82B	
XRS-83H	Redacted
XRS-84A	
XRS-85A	
XRS-87B	
XRS-88D	Cancelled-Use XRS-45
XRS-89B	
XRS-90B	
XRS-91C	
XRS-92A	
XRS-93A	
XRS-94B	
XRS-95A	Cancelled-See MTU specs MTP 20, MTP 73 and MTP 140
XRS-96A	
XRS-97A	Cancelled-See MTU spec MTP 21
XRS-98B	
XRS-99A	
XRS-100A	
XRS-101D	
XRS-102	Cancelled
XRS-103B	
XRS-106B	
XRS-107A	
XRS-108B	
XRS-109A	
XRS-111	New
XRS-201	Cancelled-Parts insp. to this std. inactive
XRS-202A	Cancelled-Parts insp. to this std. inactive
XRS-203B	Cancelled-Parts insp. to this std. inactive
XRS-204H	Cancelled-Parts insp. to this std. inactive
XRS-205F	Cancelled-Parts insp. to this std. inactive
XRS-206A	Cancelled-Parts insp. to this std. inactive
XRS-207A	Cancelled-Parts insp. to this std. inactive
XRS-208E	Cancelled-Parts insp. to this std. inactive
XRS-209D	Cancelled-Parts insp. to this std. inactive
XRS-210A	Cancelled-Parts insp. to this std. inactive
XRS-211A	Cancelled-Parts insp. to this std. inactive
XRS-212A	Cancelled-Parts insp. to this std. inactive
XRS-300D	
XRS-301B	Cancelled-Use XRS-306
XRS-302B	

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XRS-303B	
XRS-304A	Cancelled-No Further Requirements
XRS-305B	
XRS-306D	
XRS-307C	
XRS-308B	Obsoleted-No further requirements
XRS-309A	Obsoleted-No further requirements
XRS-310B	Cancelled-Use XRS-Master
XRS-311B	Obsoleted-No further requirements
XRS-312A	Obsoleted-No further requirements
XRS-313C	
XRS-314G	
XRS-315G	
XRS-316J	
XRS-317D	
XRS-318D	
XRS-319G	
XRS-320B	Cancelled
XRS-321A	
XRS-322B	Cancelled
XRS-323C	
XRS-324D	Cancelled-Use XRS-96
XRS-325C	
XRS-327A	
XRS-328	New
XRS-370E	Obsoleted-No further requirements
XRS-701E	
XRS-702B	
XRS-706A	
XRS-707B	
XRS-708B	

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**Subcontractor Responsibilities (SR)**

	SR-001A		SR-031C Cancelled
	SR-002C Cancelled		SR-032C
	SR-003B		SR-034B
	SR-004 Cancelled		SR-035
	SR-005G		SR-036G
	SR-006		SR-037A Cancelled
	SR-007A		SR-039A Cancelled
	SR-008C		SR-040A Cancelled
	SR-010		SR-041B Cancelled
	SR-011C		SR-043C
	SR-012B		SR-044C
	SR-013B		SR-045A
	SR-014D Cancelled		SR-046A
	SR-015D		SR-047A Cancelled
	SR-016A Cancelled		SR-048A Cancelled
	SR-017A Cancelled		SR-049
	SR-018E		SR-050B
	SR-019A		SR-051B
	SR-020A		SR-052A Cancelled
	SR-021A		SR-054F
	SR-022D Cancelled		SR-055A
	SR-024A Cancelled		SR-056
	SR-025C Cancelled		SR-057B
	SR-026A Cancelled		SR-058A
	SR-028A Cancelled		SR-059E
	SR-029C Cancelled		SR-066
	SR-030D Cancelled		SR-1001N

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